NRC FORM 366 (12-81) | U.S. NUCLEAR REGULATORY COMMISSION | APPROVED BY OMB 3150-0011 EXPIRES 4-30-82

LICENSEE EVENT REPORT

CONTROL BLOCK: (1) (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

(2) LICENSEE CODE: N C M G S 2 | (3) LICENSE NUMBER: 0 0 - 0 0 0 0 0 - 0 0 | (4) LICENSE TYPE: 4 1 1 1 1 | (5) CAT: | CON'T

(6) REPORT SOURCE: L | (7) DOCKET NUMBER: 0 5 0 0 0 3 7 0 | (8) EVENT DATE: 0 6 3 0 8 3 | (9) REPORT DATE: 0 8 1 2 8 3

(10) EVENT DESCRIPTION AND PROBABLE CONSEQUENCES

While in Mode 5, during implementation of a modification it was discovered that the nitrogen in the accumulator for UHI isolation valve 2NI-243 was insufficient to close the valve. The valve was declared inoperable per T.S.3.5.1.2 which is reportable per T.S.6.9.1.11(b). Although discovered while in Mode 5, if an accident requiring UHI actuation had occurred redundant isolation valve 2NI-242 was operable. Health and safety of the public were unaffected.

(11) SYSTEM CODE	(12) CAUSE CODE	(13) CAUSE SUBCODE	(14) COMPONENT CODE	(15) COMP SUBCODE	(16) VALVE SUBCODE
S F	E	X	A C C U M U	Z	Z

(17) LER/RO REPORT NUMBER: EVENT YEAR	SEQUENTIAL REPORT NO.	OCCURRENCE CODE	REPORT TYPE	REVISION NO.
8 3	0 3 2	0 3	L	0

ACTION TAKEN	FUTURE ACTION	EFFECT ON PLANT	SHUTDOWN METHOD	(22) HOURS	ATTACHMENT SUBMITTED	NPRO-4 FORM SUB.	PRIME COMP. SUPPLIER	(25) COMPONENT MANUFACTURER
X (18)	Z (19)	Z (20)	Z (21)	0 0 0 0	N (23)	N (24)	L (25)	G 2 5 0

(27) CAUSE DESCRIPTION AND CORRECTIVE ACTIONS

This incident is attributed to component malfunction due to leakage of nitrogen from the valve accumulator. The exact time that the nitrogen leaked from the upper half of the accumulator (Greer, Part No. A105-200-6) cannot be determined. Nitrogen was added and accumulator pressure verified. A new system for determining pressures has been incorporated for all 4 UHI valves, and administrative controls for diagnosing pressure decay established.

FACILITY STATUS	(28) % POWER	(29) OTHER STATUS	(30) METHOD OF DISCOVERY	(31) DISCOVERY DESCRIPTION (32)
X	0 0 0	Maint. Outage	A	During Modification Implementation

ACTIVITY RELEASED	(33) CONTENT OF RELEASE	AMOUNT OF ACTIVITY (35)	LOCATION OF RELEASE (36)
Z	Z	N/A	N/A

PERSONNEL EXPOSURES NUMBER	(37) TYPE	(38) DESCRIPTION (39)
0 0 0	Z	N/A

8308220245 830812
PDR ADOCK 05000370
S PDR

PERSONNEL INJURIES NUMBER	(41) DESCRIPTION
0 0 0 (40)	N/A

LOSS OF OR DAMAGE TO FACILITY TYPE	(43) DESCRIPTION
Z (42)	N/A

IE22 1/1

PUBLICITY ISSUED	(45) DESCRIPTION	NRC USE ONLY
N (44)	N/A	

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

TELEPHONE
(704) 373-4531

August 12, 1983

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-370/83-32

Dear Mr. O'Reilly:

Please find attached Reportable Occurrence Report RO-370/83-32. This report concerns T.S. 3.5.1.2, "Each upper head injection accumulator system 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 /jfw

Hal B. Tucker

PBN:jfw
Attachment

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

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

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