NRC FORM 366 (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 LICENSEE CODE: N C M G S 1 (2) LICENSE NUMBER: 0 0 - 0 0 0 0 0 - 0 0 (3) LICENSE TYPE: 4 1 1 1 1 (4) CAT (5)

CON'T 01 REPORT SOURCE: L (6) DOCKET NUMBER: 0 5 0 0 0 3 6 9 (7) EVENT DATE: 0 5 1 0 8 3 (8) REPORT DATE: 0 6 0 9 8 3 (9)

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

On 5/10/83 (Mode 2) and twice on 5/15/83 (Mode 1, 35 & 50 percent power), cold leg injection accumulator (CLA) "B" was declared inoperable due to the boron concentration dropping below 1900 ppm. This violates T.S.3.5.1.1 which is reportable per T.S.6.9.1.11(b) and similar to RO's 369/81-55 and 81-70. Reactor coolant system pressure was maintained at the normal operating parameter, and unit shutdown was commenced as necessary. These incidents did not affect the ability to maintain the plant in a safe condition. Health and safety of the public were unaffected.

SYSTEM CODE	CAUSE CODE	CAUSE SUBCODE	COMPONENT CODE	COMP SUBCODE	VALVE SUBCODE
S F (11)	E (12)	B (13)	V A L V E X (14)	C (15)	X (16)

(17) LER/RO REPORT NUMBER

EVENT YEAR		SEQUENTIAL REPORT NO.		OCCURRENCE CODE	REPORT TYPE		REVISION NO.
8 3	—	0 2 9	/	0 3	L	—	0

ACTION TAKEN	FUTURE ACTION	EFFECT ON PLANT	SHUTDOWN METHOD	HOURS (22)	ATTACHMENT SUBMITTED	NPRD-4 FORM SUB.	PRIME COMP. SUPPLIER	COMPONENT MANUFACTURER (26)
B (18)	Z (19)	A (20)	A (21)	0 2 0 6	N (23)	N (24)	L (25)	W 0 3 0

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

These incidents resulted from leakage into the accumulator from the RCS (boron conc. 1050-1310 ppm) through check valves 1NI70 and 1NI71 (Walworth 10" N6376 -SP1500# swing check) which diluted the concentration of CLA "B". CLA "B" was restored to specification (1900-2100 ppm) each time by additions from the RWST (2000-2100 ppm). Unit was shutdown, and the valves repaired and pressure tested (5/23/83).

FACILITY STATUS	% POWER	OTHER STATUS (30)	METHOD OF DISCOVERY	DISCOVERY DESCRIPTION (32)
X (28)	0 5 0 (29)	Modes 2 & 1	B (31)	Routine Surveillance

ACTIVITY RELEASED	CONTENT OF RELEASE	AMOUNT OF ACTIVITY (35)	LOCATION OF RELEASE (36)
Z (33)	Z (34)	N/A	N/A

PERSONNEL EXPOSURES

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

PERSONNEL INJURIES

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

LOSS OF OR DAMAGE TO FACILITY (43)

TYPE	DESCRIPTION
Z (42)	N/A

PUBLICITY

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

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

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PDR ADOCK 05000369
S PDR

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VICE PRESIDENT
NUCLEAR PRODUCTION

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June 9, 1983

USNRC REGION II
ATLANTA, GEORGIA
83 JUN 14 P10:59

Mr. James P. O'Reilly, Regional Administrator
U. S. Nuclear Regulatory Commission
Region II
101 Marietta Street NW, Suite 2900
Atlanta, Georgia

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

Dear Mr. O'Reilly:

Please find attached Reportable Occurrence Report RO-369/83-29. This report concerns T.S. 3.5.1.1, "Each cold leg injection accumulator shall be operable with:...c. A boron concentration of between 1900 and 2100 ppm". 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 /BC

Hal B. Tucker

PBN:jfw
Attachment (1)

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
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Atlanta, Georgia 30339

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