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 | N C M G S 1 (2) | 0 0 - 0 0 0 0 0 - 0 0 (3) | 4 1 1 1 1 (4) | (5)

LICENSEE CODE — LICENSE NUMBER — LICENSE TYPE — CAT

CON'T

01 | REPORT SOURCE L (6) | 0 5 0 0 0 3 6 9 (7) | 0 3 2 7 8 3 (8) | 0 4 2 6 8 3 (9)

DOCKET NUMBER — EVENT DATE — REPORT DATE

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

02 During unrelated maintenance activity, hanger 1MCA-ND-H260 was discovered to

03 have pulled loose from its wall anchors. All residual heat removal (ND) system

04 mechanical snubbers were subsequently full-stroked (on 3/27/83) to ensure their

05 operability, revealing 2 snubbers (1MCA-ND-H177 and H317) to be locked up.

06 This violates T.S. 3.7.8 which is reportable per T.S. 6.9.1.13(b). Although

07 discovered after core was unloaded, failures probably occurred in mode 4. The

08 system was not seismically challenged and continued to function. Health and safety of the public were unaffected.

	SYSTEM CODE	CAUSE CODE	CAUSE SUBCODE	COMPONENT CODE	COMP. SUBCODE	VALVE SUBCODE
09	C F (11)	X (12)	Z (13)	S U P O R T (14)	X (15)	Z (16)

(17) LER/RO REPORT NUMBER	EVENT YEAR		SEQUENTIAL REPORT NO.		OCCURRENCE CODE	REPORT TYPE		REVISION NO.
	8 3	—	0 1 6	/	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)
X (18)	G (19)	Z (20)	Z (21)	0 0 0 0	N (23)	N (24)	L (25)	Z 9 9 9

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

10 It was concluded that a water hammer had occurred (overloading the hanger/snub-

11 bers) during mode 4, when reactor coolant is aligned to the ND system. Voids

12 formed by flashing of isolated volume of water between valves ND-1 and ND-2

13 during leak testing created water hammer. The hanger anchor bolts were retorqued,

14 a brace added, and the snubbers replaced. Procedures will be revised to prevent future water hammers.

	FACILITY STATUS	% POWER	OTHER STATUS (30)	METHOD OF DISCOVERY	DISCOVERY DESCRIPTION (32)
15	X (28)	0 0 0 (29)	Maint. Outage	C (31)	Special Test to ensure Operability

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

	PERSONNEL EXPOSURES NUMBER	TYPE	DESCRIPTION (39)
17	0 0 0 (37)	Z (38)	N/A

	PERSONNEL INJURIES NUMBER	DESCRIPTION (41)
18	0 0 0 (40)	N/A

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

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

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