NRC FORM 366
(7-77)

U. S. NUCLEAR REGULATORY COMMISSION

LICENSEE EVENT REPORT

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

0 1	F L T P S 4 (2)	0 0 - 0 0 0 0 0 - 0 0 (3)	4 1 1 1 1 (4)	(5)
	LICENSEE CODE	LICENSE NUMBER	LICENSE TYPE	

CON'T

0 1	REPORT SOURCE L (6)	0 5 0 0 0 2 5 1 (7)	0 3 1 0 7 9 (8)	0 4 0 9 7 9 (9)
		DOCKET NUMBER	EVENT DATE	REPORT DATE

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

During cold shutdown while in preparation for the Unit 3 Engineered Safeguards Test, 2 cracks were observed in the 4B charging pump suction piping (4" type 304 stainless steel, schedule 10) adjacent to the weld between the suction piping and a drain line. The pump was removed from service. Two other charging pumps were operable, which satisfied the requirements of TS 3.6.b.1. Similar occurrences were reported in LER 250-78-3 and 251-78-4.

	SYSTEM CODE	CAUSE CODE	CAUSE SUBCODE	COMPONENT CODE	COMP. SUBCODE	VALVE SUBCODE
0 9	P C (11)	B (12)	B (13)	P 1 P E X X (14)	B (15)	Z (16)

(17) LER/RO REPORT NUMBER	EVENT YEAR		SEQUENTIAL REPORT NO.		OCCURRENCE CODE	REPORT TYPE		REVISION NO.
	7 9	—	0 0 2	/	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
B (18)	F (19)	Z (20)	Z (21)	0 0 0 0	N (23)	N (24)	A (25)	S 0 2 9 (26)

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

The design/installation of these positive displacement pumps results in operational pressure pulsation/vibration effects which most probably caused the cracks. Corrective action was to make a weld repair. Modifications to reduce cyclic stresses have been completed on Unit 3 and will be completed on Unit 4 during the Spring 1979 refueling.

	FACILITY STATUS	% POWER	OTHER STATUS (30)	METHOD OF DISCOVERY	DISCOVERY DESCRIPTION (32)
1 5	G (28)	0 0 0 (29)	NA	A (31)	Operator Observation

	ACTIVITY RELEASED	CONTENT OF RELEASE	AMOUNT OF ACTIVITY (35)	LOCATION OF RELEASE (36)
1 6	Z (33)	Z (34)	NA	NA

PERSONNEL EXPOSURES

	NUMBER	TYPE	DESCRIPTION (39)
1 7	0 0 0 (37)	Z (38)	NA

PERSONNEL INJURIES

	NUMBER	DESCRIPTION (41)
1 8	0 0 0 (40)	NA

LOSS OF OR DAMAGE TO FACILITY (43)

	TYPE	DESCRIPTION
1 9	Z (42)	NA

PUBLICITY

	ISSUED	DESCRIPTION (45)	NRC USE ONLY
2 0	N (44)	NA	

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