NRC FORM 366 (7-77)

U. S. NUCLEAR REGULATORY COMMISSION

LICENSEE EVENT REPORT

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

01 | I L Z I S 2 (2) LICENSEE CODE | 0 0 - 0 0 0 0 0 - 0 0 (3) LICENSE NUMBER | 4 1 1 1 1 (4) LICENSE TYPE | (5) CAT

CON'T 01 | REPORT SOURCE L (6) | 0 5 0 0 0 3 0 4 (7) DOCKET NUMBER | 0 7 2 6 8 0 (8) EVENT DATE | 0 9 1 1 8 0 (9) REPORT DATE

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

02 During normal operation, the operator found that 2A S/G stm. flow
03 channel 2F-512 had failed to start indicating prior to placing the Unit
04 on the system grid. This condition was nonconservative for low S/G
05 level with stm. flow/feedwater flow mismatch Rx. trip as presented in T.S.
06 table 3.1.1. Since redundant channels were operable and available, the
07 health and safety of the public was not affected.
08

09	SYSTEM CODE	CAUSE CODE	CAUSE SUBCODE	COMPONENT CODE	COMP. SUBCODE	VALVE SUBCODE
	I A (11)	E (12)	E (13)	I N S T R U (14)	Y (15)	Z (16)

(17) LER/RO REPORT NUMBER	EVENT YEAR		SEQUENTIAL REPORT NO.		OCCURRENCE CODE	REPORT TYPE		REVISION NO.
	8 0	—	0 2 1	/	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
C (18)	Z (19)	Z (20)	Z (21)	0 0 0 0	N (23)	Y (24)	N (25)	H 0 2 1 (26)

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

10 The channel failure was determined to be failed output (low) from square
11 root extractor 2FM-512B (Hagan model 127-112). This multiplier/divider
12 module was replaced with a spare unit. The spare unit was recalibrated
13 and the channel returned to service. Since this type of failure has not
14 been a recurring problem , no further action is required.

15	FACILITY STATUS	% POWER	OTHER STATUS (30)	METHOD OF DISCOVERY	DISCOVERY DESCRIPTION (32)
	E (28)	0 2 6 (29)	NA	A (31)	Operator Observation

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

PERSONNEL EXPOSURES

17	NUMBER	TYPE	DESCRIPTION (39)
	0 0 0 (37)	Z (38)	NA

PERSONNEL INJURIES

18	NUMBER	DESCRIPTION (41)
	0 0 0 (40)	NA

LOSS OF OR DAMAGE TO FACILITY (43)

19	TYPE	DESCRIPTION
	Z (42)	NA

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20	ISSUED	DESCRIPTION	NRC USE ONLY
	N (44)	NA	

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