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)

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

CON'T

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

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 While in a maintenance outage with the core unloaded, reactor trip breaker "A"
0 3 failed to open on an undervoltage (UV) trip signal during response time testing
0 4 on 3/19/83. While in mode 6 on 3/31/83, bypass breaker "B" failed to trip on UV
0 5 signal during testing to verify proper UV tolerances. These violate T.S.3.3.1
0 6 which is reportable per T.S.6.9.1.13(b) and similar to RO-370/83-03. Breaker
0 7 failures occurred only during testing with unit shutdown. The shunt trip mech-
0 8 anism could have been used to trip the breakers. Health and safety of the public were unaffected.

	SYSTEM CODE (11)	CAUSE CODE (12)	CAUSE SUBCODE (13)	COMPONENT CODE (14)	COMP SUBCODE (15)	VALVE SUBCODE (16)
0 9	I A	B	B	C K T B R K	A	Z

(17) LER/RO REPORT NUMBER	EVENT YEAR		SEQUENTIAL REPORT NO.		OCCURRENCE CODE	REPORT TYPE		REVISION NO.
	8 3	—	0 1 5	/	0 3	L	—	0

ACTION TAKEN (18)	FUTURE ACTION (19)	EFFECT ON PLANT (20)	SHUTDOWN METHOD (21)	HOURS (22)	ATTACHMENT SUBMITTED (23)	NPRD-4 FORM SUB. (24)	PRIME COMP. SUPPLIER (25)	COMPONENT MANUFACTURER (26)
Z	X	Z	Z	0 0 0 0	Y	N	L	W 1 2 0

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 The breaker (Type DS-416) failures were due to mechanical problems of the UV
1 1 mechanisms which resulted from manufacturing deficiencies. Prior to startup,
1 2 reactor trip breaker logic will be modified to include an automatic shunt trip
1 3 upon UV trip signal as an added degree of redundancy, UV mechanisms and trip
1 4 shafts will be replaced as necessary, preventative maintenance performed, and breakers functionally tested.

	FACILITY STATUS (28)	% POWER (29)	OTHER STATUS (30)	METHOD OF DISCOVERY (31)	DISCOVERY DESCRIPTION (32)
1 5	X	0 0 0	Maint. Outage & M6	C	NRC/OIE Bulletin 83-04 Testing

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

PERSONNEL EXPOSURES

	NUMBER (37)	TYPE (38)	DESCRIPTION (39)
1 7	0 0 0	Z	N/A

PERSONNEL INJURIES

	NUMBER (40)	DESCRIPTION (41)
1 8	0 0 0	N/A

LOSS OF OR DAMAGE TO FACILITY (43)

	TYPE (42)	DESCRIPTION
1 9	Z	N/A

PUBLICITY

	ISSUED (44)	DESCRIPTION (45)
2 0	N	N/A

NRC USE ONLY

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