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	A L J M F 1 (2)	0 0 - 0 0 0 0 0 - 0 0 (3)	4 1 1 1 1 (4)	(5)
7	8	9 LICENSEE CODE 14	15 LICENSE NUMBER 25	26 LICENSE TYPE 30	57 CAT 58

CON'T

0	1	REPORT SOURCE L (6)	0 5 0 0 0 3 4 8 (7)	1 1 0 8 7 9 (8)	1 2 0 7 7 9 (9)
7	8	60	61 DOCKET NUMBER 68	69 EVENT DATE 74	75 REPORT DATE 80

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 At 2210 on 11/8/79 makeup to the reactor coolant system during a routine plant

0 3 cooldown for maintenance (Mode 3 to 5), resulted in decreasing the, available borated

0 4 water volume in the Boric Acid Storage Tank (BAT) below the Tech. Spec. 3.1.2.8.a.1

0 5 limit of 11,336 gallons by 442 gallons. An additional 6000 gallons of 8234 PPM boric

0 6 acid solution was available but it could not be considered in meeting the Tech. Spec.

0 7 minimum due to an upper limit of 7700 PPM in the Tech. Spec. Tech. Spec. 3.1.2.8

0 8 action statement requirements were met.

0 9	SYSTEM CODE	CAUSE CODE	CAUSE SUBCODE	COMPONENT CODE	COMP. SUBCODE	VALVE SUBCODE
	R B (11)	A (12)	Z (13)	Z Z Z Z Z Z (14)	Z (15)	Z (16)
	9 10	11	12	13 18	19	20

(17) LER/RO REPORT NUMBER

EVENT YEAR		SEQUENTIAL REPORT NO.		OCCURRENCE CODE	REPORT TYPE		REVISION NO.
7 9	—	0 5 5	/	0 3	L	—	0
21 22	23	24 26	27	28 29	30	31	32

ACTION TAKEN	FUTURE ACTION	EFFECT ON PLANT	SHUTDOWN METHOD	HOURS (22)	ATTACHMENT SUBMITTED	NPRD-4 FORM SUB.	PRIME COMP. SUPPLIER	COMPONENT MANUFACTURER
X (18)	Z (19)	Z (20)	Z (21)	0 0 0 0	Y (23)	N (24)	Z (25)	Z 9 9 9 (26)
33	34	35	36	37 40	41	42	43	44 47

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 See Attachment.

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1 3

1 4

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

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

1540 006

PERSONNEL EXPOSURES

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

POOR ORIGINAL

PERSONNEL INJURIES

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

LOSS OF OR DAMAGE TO FACILITY (43)

1 9	TYPE	DESCRIPTION
	Z (42)	NA

7912120 433

PUBLICITY

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

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LER 79-055/03L-0

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS

Makeup to the reactor coolant system on 11/8/79 due to the plant cooldown resulted in decreasing the B BAT level from 54% to 50%. 52.2% level is required in a single BAT to satisfy the Tech. Spec. limit of 11,336 gallons. BAT A was unavailable for consideration in meeting the Tech. Spec. because it contained borated water in excess of the Tech. Spec. limit of 7700 PPM due to batching that was in progress. The minimum temperature for solubility in the A BAT was not exceeded during the batching operation. The A BAT concentration was returned to less than 7700 PPM (7504) by 1050 on 11/9/79. The additional borated water source required by Tech. Spec. 3.1.2.8 (the RWST) was operable at all times during this event.

The basis for Tech. Spec. 3.1.2.8 states, in part, that the boration capability of the system is sufficient to provide a shutdown margin from expected operating conditions of 1.0% $\Delta k/k$ after xenon decay and cooldown to 200°F. It should be noted that when the plant began its cooldown, the Tech. Spec. 3.1.2.8 requirements were met and therefore, bases of Tech. Spec. 3.1.2.8 were met during the cooldown.