

U.S. NUCLEAR REGULATORY COMMISSION

LICENSEE EVENT REPORT

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

/0/1/ /V/A/N/A/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

/0/1/ REPORT /L/ (6) /0/5/0/0/0/3/3/8/ (7) /0/4/1/6/8/2/ (8) /0/5/1/2/8/2/ (9)

SOURCE DOCKET NUMBER EVENT DATE REPORT DATE

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

/0/2/ / On April 16, 1982, at 1530 and again on April 19, 1982, at 1030 while in Mode 3 /

/0/3/ / operation, the contents of the Emergency Condensate Storage Tank (ECST) dropped /

/0/4/ / below the minimum required volume (110,000 gal) as required by T.S. 3.7.1.3. /

/0/5/ / Since the level in each case, was restored within 4 hours as required by the /

/0/6/ / Action Statement, the health and safety of the general public were not affected. /

/0/7/ / This event is reportable pursuant to T.S. 6.9.1.9.b. /

/0/3/ /

SYSTEM CODE	CAUSE CODE	CAUSE SUBCODE	COMPONENT CODE	COMP. SUBCODE	VALVE SUBCODE
/0/9/ /W/F/ (11)	/X/ (12)	/Z/ (13)	/Z/Z/Z/Z/Z/Z/ (14)	/Z/ (15)	/Z/ (16)
LER/RO	EVENT YEAR	SEQUENTIAL REPORT NO.	OCCURRENCE CODE	REPORT TYPE	REVISION NO.
(17) REPORT NUMBER	/8/2/	/-/ /0/2/2/ / \ /	/0/3/	/L/	/-/ /0/

ACTION TAKEN	FUTURE ACTION	EFFECT ON PLANT	SHUTDOWN METHOD	HOURS	ATTACHMENT SUBMITTED	NPRD-4 FORM SUB.	PRIME COMP. SUPPLIER	COMPONENT MANUFACTURER
/X/ (18)	/Z/ (19)	/Z/ (20)	/Z/ (21)	/0/0/0/0/ (22)	/Y/ (23)	/N/ (24)	/Z/ (25)	/Z/9/9/9/ (26)

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

/1/0/ / These events were caused by adding water from the Emergency Condensate Storage /

/1/1/ / Tank to the steam generators via the Auxiliary Feedwater System. On both occa- /

/1/2/ / sions, a reactor trip from 100% power occurred causing steam generator lo-lo wat- /

/1/3/ / er level which automatically actuated the Auxiliary Feedwater System. The ECST /

/1/4/ / level was restored by adding water from the 300,000 condensate storage tank. /

FACILITY STATUS	%POWER	OTHER STATUS	METHOD OF DISCOVERY	DISCOVERY DESCRIPTION (32)
/1/5/ /G/ (28)	/0/0/0/ (29)	/ NA / (30)	/A/ (31)	/ Operational Event /
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 TYPE	DESCRIPTION (43)			
/1/9/ /Z/ (42)	/ NA /			
PUBLICITY ISSUED	DESCRIPTION (45)			
/2/0/ /N/ (44)	/ NA /			

NRC USE ONLY

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NAME OF PREPARER W. R. CARTWRIGHT

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Description of Event

On April 16, 1982, at 1530 and again on April 19, 1982, at 1030 following a Unit shutdown to Mode 3, the level in the Emergency Condensate Storage Tank dropped below the minimum required by T.S. 3.7.1.3. The tank was refilled from the Condensate Storage Tank within 4 hours as required by the Action Statement. These events are reportable pursuant to T.S. 6.9.1.9.b.

Probable Consequences of Occurrence

The minimum volume in the Emergency Condensate Storage Tank ensures that sufficient water is available to maintain the RCS at Hot Standby conditions for 8 hours with steam discharge to the atmosphere. Since the minimum volume was restored within 4 hours as required by the Action Statement, the health and safety of the general public were not affected.

Cause of Event

The conditions that caused the event on April 16, were an undervoltage trip of the supply breaker 15G1 to the bus supplying power to the circulating water pumps accompanied by a failure of breaker 15G10 to close and transfer the load to the Unit 2 intake structure 4 Kv Bus. This rendered the normal Condensate and Main Feedwater System inoperable. The unit was immediately tripped manually and the Auxiliary Feedwater System automatically energized to maintain water inventory in the steam generators.

On April 19, the reactor tripped again from 100% power because of a voltage spike in one channel of the power range nuclear instrumentation system while a second channel was in the tripped condition.

On both occasions, the reactor trips resulted in low water level conditions to exist in the steam generators which actuated the Auxiliary Feedwater System. The make-up supply to the Auxiliary Feedwater System, the ECST, dropped below the minimum level required by the Technical Specifications.

Immediate Corrective Action

The level in the ECST was restored by gravity fill from the 300,000 gal Condensate Storage Tank.

Scheduled Corrective Action

No further action required.

Actions Taken to Prevent Recurrence

No further action is taken to prevent recurrence.

Generic Implications

There are no generic implications resulting from this event.