

LICENSEE EVENT REPORT

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

0	1	S	C	H	B	R	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

0	1	L	0	5	0	0	0	2	6	1	1	0	2	8	8	1	8	9		
7	8	CON'T		REPORT SOURCE		60	61	DOCKET NUMBER				68	69	EVENT DATE		74	75	REPORT DATE		80

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

On October 28, 1981, at approximately 0917 hours, with the unit at 50% power, the heat tracing (circuit 70, primary) for the motor operated valves on the discharge line of the boron injection tank was found to be failed. This failure was discovered during the performance of Periodic Test 7.3 and resulted in a degraded mode of operation permitted by Technical Specification 3.3.1.2.h which is reportable pursuant to 6.9.2.b.2. The redundant channel was operable so there was no threat to the public health and safety.

0	9	P	C	E	A	E	L	E	C	O	N	Z	Z	8	1	0	2	4	0	3	L	0	T	1	8	5	
7	8	SYSTEM CODE		CAUSE CODE		CAUSE SUBCODE		COMPONENT CODE				COMP. SUBCODE		VALVE SUBCODE		LER/RO REPORT NUMBER		EVENT YEAR		SEQUENTIAL REPORT NO.		OCCURRENCE CODE		REPORT TYPE		REVISION NO.	
ACTION TAKEN		FUTURE ACTION		EFFECT ON PLANT		SHUTDOWN METHOD		HOURS		ATTACHMENT SUBMITTED		NPRD-4 FORM SUB.		PRIME COMP. SUPPLIER		COMPONENT MANUFACTURER											
B		H		Z		Z		0000		Y		N		N		T185											
33		34		35		36		37		40		41		42		43		44		47							

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

The primary channel of heat trace circuit 70 was repaired, tested, and declared operable at 1935 hours. The failure was caused by a short to ground as a result of insulation repairs. All personnel involved with insulation removal and replacement have been cautioned as to the importance of heat tracing and the special considerations necessary for insulating heat traced piping. No further action is considered necessary.

1	5	E	0	5	0	NA	B	Surveillance Test					
7	8	FACILITY STATUS		% POWER		OTHER STATUS		METHOD OF DISCOVERY		DISCOVERY DESCRIPTION			
ACTIVITY RELEASED		CONTENT OF RELEASE		AMOUNT OF ACTIVITY		LOCATION OF RELEASE							
1	6	7	Z	NA	NA	NA							
PERSONNEL EXPOSURES NUMBER		TYPE		DESCRIPTION		NA							
1	7	0	0	Z	NA	NA							
PERSONNEL INJURIES NUMBER		DESCRIPTION		NA									
1	8	0	0	NA	NA								
LOSS OF OR DAMAGE TO FACILITY TYPE		DESCRIPTION		NA									
1	9	Z	NA	NA									
PUBLICATION ISSUED		DESCRIPTION		NA									
2	0	Z	NA	NA									

8112070527 811125
PDR ADOCK 05000261
S PDR

NAME OF PREPARER: Howard T. Cox
PHONE: (803) 383-4524

NRC USE ONLY

SUPPLEMENTAL INFORMATION

FOR

LICENSEE EVENT REPORT 81-24

1. Cause Description and Analysis:

On October 28, 1981, at approximately 0917 hours, with the unit at 50% power, the primary channel of heat tracing circuit 70 for the motor operated valves and associated piping on the discharge line of the boron injection tank was found to be failed. This failure was discovered during the performance of Periodic Test 7.3. Investigation revealed that the heat trace circuit had failed as a result of a short to ground which was believed caused during insulation repair work on the affected piping.

The failure of the primary channel of heat trace circuit 70 resulted in a degraded mode of operation permitted by Technical Specification 3.3.2.1.h which is reportable pursuant to 6.9.2.b.2. The redundant channel was operable so there was no threat to the public health and safety.

2. Corrective Action:

The primary channel of heat trace circuit 70 was repaired, tested, and declared operable at 1935 hours on October 28, 1981.

3. Corrective Action to Prevent Recurrence:

As previously stated, this failure is believed to be the result of physical damage to the heat tracing cable sustained during insulation repair on the affected piping. All personnel involved with insulation removal and replacement or repair have been cautioned as to the importance of heat tracing and the special considerations which must be taken during insulation work on heat traced piping. No further action is considered necessary.