

CONTROL BLOCK: 

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 ① (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

CON'T

0	1
7	8

REPORT SOURCE

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

### EVENT DESCRIPTION AND PROBABLE CONSEQUENCES

On September 14, 1979, during Mode 1 operation, the high steam line differential pressure loop 2 channel II bistable (P-1484-2) failed to trip during the performance of the monthly surveillance test. Since the channel was placed in the tripped condition and loop 2 high steam line differential pressure channels III and IV remained operable, the health and safety of the general public were not jeopardized. Reportable pursuant to T.S. 6.9.1.9.b.

08												80								
7	8	9	SYSTEM CODE		CAUSE CODE		CAUSE SUBCODE		COMPONENT CODE				COMP. SUBCODE		VALVE SUBCODE					
09			I	B	11	E	12	G	13	I	N	S	T	R	U	14	C	15	Z	16
7	8	9	9	10	11	12	12	13	13	14	15	16	17	18	19	20				
			EVENT YEAR		SEQUENTIAL REPORT NO.		OCCURRENCE CODE		REPORT TYPE		REVISION NO.									
17		LER/RO REPORT NUMBER		7	9	1119		03		L		0								
21		22		23	24	25	26	27	28	29	30	31	32							
ACTION TAKEN		FUTURE ACTION		EFFECT ON PLANT		SHUTDOWN METHOD		HOURS		ATTACHMENT SUBMITTED		NPRD-4 FORM SUB.		PRIME COMP. SUPPLIER		COMPONENT MANUFACTURER				
C	18	Z	19	Z	20	Z	21	0000	22	Y	23	N	24	N	25	W120	26			
23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40			

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 The bistable failed because of a loose lead on the signal comparator card. After the

1 1 channel was placed in the tripped condition, the comparator card was replaced and the

1 2 new card was calibrated. The periodic test was then reperformed with satisfactory

1 3 results.

1	4																	80	
7	8	9																	
FACILITY STATUS			% POWER			OTHER STATUS			(30)	METHOD OF DISCOVERY			DISCOVERY DESCRIPTION			(32)			
1	5	E	(28)	0	3	4	(29)	NA		B	(31)	Surveillance Test							
7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24		
ACTIVITY			CONTENT			AMOUNT OF ACTIVITY			(35)	LOCATION OF RELEASE			(36)						
RELEASED			OF RELEASE																
1	6	Z	(33)	Z	(34)	NA			NA										
7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24		

PERSONNEL EXPOSURES										
NUMBER		TYPE		DESCRIPTION						
1	7	0	0	C	37	Z	38	NA		

PERSONNEL INJURIES		NUMBER		DESCRIPTION	
1	8	0	0	0	40 NA

		LOSS OF OR DAMAGE TO FACILITY		(43)	
		TYPE	DESCRIPTION		
1	9	Z	(42) NA		1168 152
7	8	9	10		80

ISSUED **N** (44) DESCRIPTION **NA** 7910180497

W. R. Cartwright

PHONE: 703-894-5151

NRC USE ONLY

7910180497

CPD 917-926

Virginia Electric and Power Company  
North Anna Power Station, Unit #1  
Docket No. 50-338  
Report No. LER 79-119/03L-0

Attachment: Page 1 of 1

#### Description of Event

On September 14, 1979, during steady state operation at 34% power, the high steam line differential pressure loop 2 channel II bistable (P-1484-2) failed to trip while performing the monthly surveillance test. The channel was placed in the tripped condition and declared inoperable.

#### Probable Consequences of Occurrence

Steam line pressure indication is used to initiate a safety injection when two out of three channels (II, III, and IV) indicate a low line pressure as compared to both other lines. Since the affected channel was placed in the tripped condition and loop 2 high steam line differential pressure channels III and IV remained operable, the health and safety of the general public were not affected.

#### Cause of Occurrence

The reason the bistable did not trip was because the comparator card had a loose lead which connected to a normally energized terminal.

#### Immediate Corrective Action

The affected channel was placed in the tripped condition and the defective comparator card was replaced. The new card was then calibrated and the periodic test reperformed satisfactorily.

#### Scheduled Corrective Action

No scheduled corrective action is required.

#### Actions Taken to Prevent Recurrence

No further actions are required.