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REPORT SOURCE

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

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

On September 13, 1979, during Mode 1 operation, loop B steam flow indicator FI-1485 read lower than the redundant indicator FI-1484. After ensuring that an actual low steam flow did not exist, the channel was placed in the tripped condition and declared inoperable. Since the affected channel was placed in "Test" and the redundant channel remained operable, the health and safety of the general public were not jeopardized. Reportable pursuant to T.S. 6.9.1.9.b.

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SYSTEM CODE I B 11		CAUSE CODE E 12		CAUSE SUBCODE X 13		COMPONENT CODE V A L V E X 14		COMP. SUBCODE F 15		VALVE SUBCODE D 16	
EVENT YEAR 7 9		SEQUENTIAL REPORT NO. 1 1 5		OCCURRENCE CODE 0 3		REPORT TYPE L		REVISION NO. 0			
LER/RO REPORT NUMBER 17		EFFECT ON PLANT Z 20		SHUTDOWN METHOD Z 21		HOURS 0 0 0 0 22		ATTACHMENT SUBMITTED Y 23		PRIME COMP. SUPPLIER A 25	
ACTION TAKEN X 18		FUTURE ACTION B 19		NPRD-4 FORM SUB. N 24		COMPONENT MANUFACTURER V 1 1 3 5 26					

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 Steam flow indicator FI-1485 indicated low because the root valves for the trans-

1 1 mitter were leaking causing a loss of reference leg level. The steam flow channel

1 2 was placed in the tripped condition and the loop was calibrated and functionally

1 3 tested satisfactorily. The transmitter root valve will be reworked during the

1 4 current refueling outage.

7		8		9		FACILITY STATUS		% POWER		OTHER STATUS		(30)		METHOD OF DISCOVERY		DISCOVERY DESCRIPTION		(32)	
1	5	E	(28)	0	4	9	(29)	NA						A	(31)	Operator Observation			
7	8	9		10	11	12	13							45	46				

ACTIVITY CONTENT
RELEASED OF RELEASE AMOUNT OF ACTIVITY (35)

1 6 2 8 9 10 11 NA 44

LOCATION OF RELEASE (36)

NA 45 80

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

PERSONNEL INJURIES	
NUMBER	DESCRIPTION
000	NA

7	8	9	11	12	80
LOSS OF OR DAMAGE TO FACILITY			(43)	1168 146	
TYPE			DESCRIPTION		
1	9	Z	(42)	NA	

7 8 9 10
PUBLICITY
ISSUED DESCRIPTION (45) NA
2 0 N (44) 910160 4 9
NRC USE ONLY

NAME OF PREPARER W. R. Caldwright

PHONE: 703-894-5151

NRC USE ONLY

910160 491

017-926

Virginia Electric and Power Company
North Anna Power Station, Unit #1
Docket No. 50-338
Report No. LER 79-115/03L-0

Attachment: Page 1 of 1

Description of Event

On September 13, 1979, during Mode 1 operation at 49% power, loop B steam flow indicator FI-1485 gave a low flow indication. The redundant loop B steam flow indicator FI-1484 did not indicate a low flow. The affected channel was placed in the tripped condition and declared inoperable.

Probable Consequences of Occurrence

Steam line flow is used to initiate both a reactor trip and a safety injection. A safety injection will occur on a high steam line flow coincident with low steam line pressure or low-low TAVG. A reactor trip will be actuated by a steam flow/feedwater flow mismatch and low steam generator level. Since the affected steam flow channel was placed in the tripped condition and the redundant channel remained operable, the health and safety of the general public were not affected by this event. There are no generic implications associated with this occurrence.

Cause of Occurrence

Loop B steam flow indicator FI-1485 gave low indication because the root valves for the flow transmitter were both leaking causing a loss of reference leg level.

Immediate Corrective Action

The channel was placed in the tripped condition and the root valve was temporarily repaired.

Scheduled Corrective Action

The transmitter root valves will be reworked during the refueling outage presently in progress.

Actions Taken to Prevent Recurrence

No further actions are required.

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