

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/2/ (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) /0/5/0/0/0/3/3/9/ (7) /0/6/1/3/8/1/ (8) /0/7/0/7/8/1/ (9)
 SOURCE DOCKET NUMBER EVENT DATE REPORT DATE

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

/0/2/ / While operating at a steady state reactor power level of 98 percent, /
 /0/3/ / intermediate range nuclear instrumentation channel N-35 failed on June 13, 1981 /
 /0/4/ / and again on June 14, 1981. Both events are reportable pursuant to T.S. /
 /0/5/ / 6.9.1.9.b. The action statement of the LCO (T.S. 3.3.1.1) was met. The public /
 /0/6/ / health and safety of the public were not affected. /
 /0/7/ / /
 /0/8/ / /

SYSTEM CODE	CAUSE CODE	CAUSE SUBCODE	COMPONENT CODE	COMP. SUBCODE	VALVE SUBCODE
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/0/9/	/I/A/ (11)	/E/ (12)	/F/ (13)	/I/N/S/T/R/U/ (14)	/I/ (15)	/Z/ (16)
	LER/RO	EVENT YEAR	SEQUENTIAL REPORT NO.	OCCURRENCE CODE	REPORT TYPE	REVISION NO.
(17)	REPORT NUMBER	/8/1/	/-/	/0/4/8/	/ \ /	/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
/A/ (18)	/Z/ (19)	/Z/ (20)	/Z/ (21)	/0/0/0/0/ (22)	/Y/ (23)	/N/ (24)	/W/ (25)	/W/1/2/0/ (26)

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

/1/0/ / Failure of a high voltage power supply and a loss of detector voltage bistable /
 /1/1/ / module caused the failures of nuclear instrumentation channel N-35. The failed /
 /1/2/ / components were replaced and nuclear instrumentation channel N-35 was returned to /
 /1/3/ / service. /
 /1/4/ / /

FACILITY STATUS	%POWER	OTHER STATUS	(30)	METHOD OF DISCOVERY	DISCOVERY DESCRIPTION (32)
/1/5/	/E/ (28)	/0/9/8/ (29)	/ NA /	/A/ (31)	/ Operator Observation /

ACTIVITY RELEASED	CONTENT OF RELEASE	AMOUNT OF ACTIVITY (35)	LOCATION OF RELEASE (36)
/1/6/	/Z/ (33)	/Z/ (34)	/ 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 (43)			
TYPE	DESCRIPTION		
/1/9/	/Z/ (42)	/ NA /	
PUBLICITY			
ISSUED	DESCRIPTION (45)		
/2/0/	/N/ (44)	/ NA /	

NRC USE ONLY

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Virginia Electric and Power Company
North Anna Power Station, Unit #2
Docket No. 50-339
Report No. LER 81-048/03L-0

Attachment: Page 1 of 1

Description of Event

While operating at a steady state reactor power level of 98 percent, intermediate range nuclear instrumentation channel N-35 failed on June 13, 1981 and again on June 14, 1981. Both events are reportable pursuant to T.S. 6.9.1.9.b.

Probable Consequences of Occurrence

Redundant intermediate range nuclear instrumentation channel N-36 remained operable. Intermediate range nuclear instrumentation channel N-35 was returned to service within 5 hours after each failure. The action statement of the LCO (T.S. 3.3.1.1) was met. The public health and safety were not affected.

Cause of Event

On June 13, 1981 the high voltage power supply for intermediate range nuclear instrumentation channel N-35 failed. On June 14, 1981 a loss of detector voltage bistable module failed causing channel N-35 to fail. Neither failure was considered extraordinary, thus the exact cause of the component failures was not investigated.

Immediate Corrective Action

When intermediate range channel N-35 failed on June 13, 1981, its high voltage power supply was replaced. When intermediate range channel N-35 failed again on June 14, 1981, a loss of detector voltage bistable module was replaced. In both causes channel N-35 was returned to service within 5 hours of failures.

Scheduled Corrective Action

No scheduled corrective actions are required.

Actions Taken to Prevent Recurrence

No actions to prevent recurrence are required.

Generic Implications

This event had no generic implications.