

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

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

/0/2/ / On February 11, 1981, with the unit in Mode 6, the Containment Purge and /
 /0/3/ / Exhaust Isolation System was rendered inoperable because power to MOV-HV-100B, /
 /0/4/ / D was lost when the supply breaker feeding the motor control center for these /
 /0/5/ / valves tripped because of a ground fault. Since the Purge and Exhaust /
 /0/6/ / penetrations (MOV-HV-100A, B, C, & D) were closed immediately, the health and /
 /0/7/ / safety of the general public were not affected. This is contrary to T.S. 3.9. /
 /0/8/ / 9 and reportable pursuant to T.S. 6.9.1.9.b. /

SYSTEM CODE	CAUSE CODE	CAUSE SUBCODE	COMP. SUBCODE	VALVE SUBCODE
/0/9/ /S/D/ (11)	/E/ (12)	/A/ (13)	/C/K/T/B/R/K/ (14)	/F/ (15)
		SEQUENTIAL REPORT NO.	OCCURRENCE CODE	REPORT TYPE
(17) LER/RO REPORT NUMBER	EVENT YEAR			REVISION NO.
	/8/1/	/-/	/0/1/0/	/\
			/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)	/A/ (25)	/K/1/8/2/ (26)

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

/1/0/ / A high resistance connection to a bus bar caused the fault which tripped open /
 /1/1/ / the supply breaker to the motor control center. Defective parts of the MCC /
 /1/2/ / were replaced and the Containment Purge and Exhaust Isolation System was /
 /1/3/ / returned to service. /
 /1/4/ /

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

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)	NRC USE ONLY
/2/0/ /N/ (44)	/ NA /	/ / / / / / / / / / / / / / /

NAME OF PREPARER W. R. CARTWRIGHT PHONE (703) 894-5151

8103170 444

Virginia Electric and Power Company
North Anna Power Station, Unit #1
Docket No. 50-338
Report No. LER 80-010/03L-0

Attachment: Page 1 of 1

Description of Event

On February 11, 1981, with the unit in Mode 6, the containment Purge and Exhaust Isolation System was rendered inoperable due to a bad electrical connection on motor control center 1B1-2 causing the supply breaker to trip. As a result, power to supply valve MOV-HV-100B and exhaust valve MOV-HV--100D was lost.

Probable Consequences of Occurrence

Since the purge and exhaust penetrations (MOV-HV-100A, B, C & D) were immediately closed, the health and safety of the general public were not affected.

Cause of Event

A high resistance electrical connection at MCC 1B1-2 caused an electrical fault which tripped open the motor control center supply breaker.

Immediate Corrective Action

Defective parts of the motor control center were replaced and the containment Purge and Exhaust Isolation System was returned to service.

Scheduled Corrective Action

No corrective action is scheduled.

Actions Taken to Prevent Recurrence

No action is taken to prevent recurrence.

Generic Implications

There are no generic implications.