

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/1/ (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) /1/0/1/8/8/1/ (8) /1/1/1/0/8/1/ (9)
 SOURCE DOCKET NUMBER EVENT DATE REPORT DATE

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

/0/2/ / On October 18, 1981 with Unit 1 in cold shutdown, the channel III pressurizer /
 /0/3/ / level transmitter output was found to be reading low (-1.38% at full span). /
 /0/4/ / A reading of $\pm 1\%$ is acceptable. This condition was nonconservative in that it /
 /0/5/ / would have caused a reactor trip on high water level at an actual pressurizer /
 /0/6/ / level of 93.38% vs 92% indicated as designed. Since the plant was in Mode 5 at /
 /0/7/ / the times of failure was discovered and the two redundant Channels were found to /
 /0/8/ / be in calibration, the public health and safety were not affected. /

SYSTEM	CAUSE	CAUSE	COMP.	VALVE
CODE	CODE	SUBCODE	SUBCODE	SUBCODE

/0/9/	/I/A/ (11)	/E/ (12)	/E/ (13)	/I/N/S/T/R/U/ (14)	/T/ (15)	/Z/ (16)
	LER/RO	EVENT YEAR	SEQUENTIAL	OCCURRENCE	REPORT	REVISION
(17)	REPORT		REPORT NO.	CODE	TYPE	NO.
	NUMBER	/8/1/	/-/	/0/7/2/	/ \ /	/0/3/
					/L/	/-/
						/0/

ACTION	FUTURE	EFFECT	SHUTDOWN	ATTACHMENT	NPRD-4	PRIME COMP.	COMPONENT
TAKEN	ACTION	ON PLANT	METHOD	SUBMITTED	FORM SUB.	SUPPLIER	MANUFACTURER
/E/ (18)	/Z/ (19)	/Z/ (20)	/Z/ (21)	/0/0/0/0/ (22)	/Y/ (23)	/N/ (24)	/N/ (25)
						/B/0/8/0/ (26)	

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

/1/0/ / The cause of the event was due to instrument drift. The transmitter was /
 /1/1/ / recalibrated and tested satisfactorily. /
 /1/2/ / /
 /1/3/ / /
 /1/4/ / /

FACILITY	METHOD OF	DISCOVERY	DISCOVERY DESCRIPTION (32)
STATUS	%POWER	OTHER STATUS	
/1/5/	/G/ (28)	/0/0/0/ (29)	/ NA / (30) /A/ (31) /
			TECHNICIAN OBSERVATION /

ACTIVITY	CONTENT	AMOUNT OF ACTIVITY (35)	LOCATION OF RELEASE (36)
RELEASED	OF RELEASE		
/1/6/	/Z/ (33)	/Z/ (34)	/ NA /

PERSONNEL EXPOSURES	DESCRIPTION (39)
NUMBER	TYPE
/1/7/	/0/0/0/ (37)
	/8/ (38)
	/ NA /

PERSONNEL INJURIES	DESCRIPTION (41)
NUMBER	
/1/8/	/0/0/0/ (40)
	/ NA /

LOSS OF OR DAMAGE TO FACILITY	DESCRIPTION (43)
TYPE	
/1/9/	/Z/ (42)
	/ NA /
	PUBLICITY

ISSUED	DESCRIPTION (45)	NRC USE ONLY
/2/0/	/N/ (44)	/ / / / / / / / / / / / / / /
	/ NA /	

Virginia Electric and Power Company
North Anna Power Station, Unit #1
Docket No. 50-338
Report No. LER 81-072/03L-0

Attachment: Page 1 of 2

Description of Event

On October 18, 1981 with unit 1 in Mode 5-cold shutdown, it was found while performing an Instrument Calibration Procedure that the Channel III (1461) pressurizer level transmitter was reading low out of tolerance. The worst case reading was -1.38% at full span ($\pm 1\%$ acceptable). This event is nonconservative in that a reactor trip on high water level would occur at an actual pressurizer level of 93.38% vs 92%.

This event is contrary to T.S.3.3.2.1 and reportable pursuant to T.S. 6.9.1.9.a.

Probable Consequences of Occurrence

Since the two redundant pressurizer level channels were found to be in calibration and capable of providing the required protection logic for the pressurizer high level reactor trip (2/3 channels > 92%), the public health and safety were not affected.

Cause of Event

The cause of this event has been attributed to instrument drift (-1.38% low) in the level transmitter.

Immediate Corrective Action

The immediate corrective action was to recalibrate the affected transmitter as per the applicable calibration procedure. This recalibration was performed satisfactorily and the channel cleared for service when required.

Scheduled Corrective Action

No corrective action is scheduled.

Actions Taken to Prevent Recurrence

No further action is required.

Generic Implications

No generic implications.