

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) /0/7/0/4/8/1/ (8) /0/7/2/4/8/1/ (9)  
 SOURCE DOCKET NUMBER EVENT DATE REPORT DATE

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

/0/2/ / On July 4, 1981, with Unit 1 at 100 percent power the Control Room Operator /  
 /0/3/ / observed control rod position indication for control Bank B rod D10 was pegged /  
 /0/4/ / and computer indication deviated from group demand position indication by greater /  
 /0/5/ / than 12 steps. This event is reportable pursuant to T.S. 6.9.1.9.b. The Action /  
 /0/6/ / Statement of the LCO (T.S. 3.1.3.2) was met. The public health and safety were /  
 /0/7/ / not affected. /  
 /0/8/ /

SYSTEM CODE	CAUSE CODE	CAUSE SUBCODE	COMPONENT CODE	COMP. SUBCODE	VALVE SUBCODE
/0/9/ /I/E/ (11)	/E/ (12)	/E/ (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/	/-/ /0/4/9/	/ \ /	/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
/E/ (18)	/Z/ (19)	/Z/ (20)	/Z/ (21)	/0/0/0/0/ (22)	/Y/ (23)	/N/ (24)	/N/ (25)	/W/1/2/0/ (26)

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

/1/0/ / Instrument drift which is generic to the Westinghouse analog rod position indica- /  
 /1/1/ / tion systems caused the indicator disagreement. Rod position indicating channel /  
 /1/2/ / D10 was recalibrated and returned to service. /  
 /1/3/ / /  
 /1/4/ / /

FACILITY STATUS	%POWER	OTHER STATUS	METHOD OF DISCOVERY	DISCOVERY DESCRIPTION (32)
/1/5/ /E/ (28)	/1/0/0/ (29)	/ NA / (30)	/B/ (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)	8108040517 810724 PDR ADOCK 05000338 S PDR	NRC USE ONLY
/2/0/ /N/ (44)	/ NA /		/ / / / / / / / / / /

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

Virginia Electric and Power Company  
North Anna Power Station, Unit #1  
Docket No. 50-338  
Report No. LER 81-049/03L-0

Attachment: Page 1 of 1

#### Description of Event

On July 4, 1981, with Unit 1 at 100 percent power, the Control Room Operator observed control rod position indication for Control Bank B rod D 10 was pegged and computer indication deviated from group demand position indication by greater than 12 steps. This event is reportable pursuant to T.S. 6.9.1.9.b.

#### Probable Consequences of Occurrence

The action statement of the LCO (T.S. 3.1.3.2) was met. The public health and safety were not affected.

#### Cause of Event

Instrument drift which is generic to the Westinghouse analog rod position indication systems caused the indicator disagreement.

#### Immediate Corrective Action

Rod position indication channel D10 was recalibrated.

#### Scheduled Corrective Action

A long term investigation into the problems associated with the position indicating system is continuing. No further corrective action will be scheduled until an adequate design modification is developed.

#### Actions Taken to Prevent Recurrence

No actions to prevent recurrence are required.

#### Generic Implications

Rod position indicator drift is a generic problem with the Westinghouse rod position system used at North Anna Power Station Units 1 and 2.