

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/C/0/0/-/0/0/ (3) /4/1/1/1/1 (4) / / / (5)
LICENSEE CODE LICENSE NUMBER LICENSE TYPE CAT

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

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

/0/2/ / While heating up in Mode 3 operation, the individual rod position indication /
/0/3/ / for rod G-9 indicated a greater than 12 step disagreement with the group demand/
/0/4/ / position. This is contrary to the limit specified in T.S. 3.1.3.3. The posi- /
/0/5/ / tion indication was returned to service within 8 hours, therefore the health /
/0/6/ / and safety of the public were not affected. This item is reportable pursuant /
/0/7/ / to T.S. 6.9.1.9.b. /
/0/8/ /

SYSTEM CAUSE CAUSE COMP. VALVE
CODE CODE SUBCODE COMPONENT CODE SUBCODE SUBCODE

/0/9/ /I/F/ (11) /E/ (12) /E/ (13) /I/N/S/T/R/U/ (14) /L/ (15) /Z/ (16)
LER/RO EVENT YEAR SEQUENTIAL OCCURRENCE REPORT REVISION
REPORT NUMBER /8/0/ /-/ /0/4/6/ / \ / /0/3/ /L/ /-/ /0/
(17)

ACTION FUTURE EFFECT SHUTDOWN ATTACHMENT NPRD-4 PRIME COMP. COMPONENT
TAKEN ACTION ON PLANT METHOD HOURS SUBMITTED FORM SUB. SUPPLIER MANUFACTURER
/E/ (18) /X/ (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/ / The cause of the indicator disagreement was due to a voltage drift while /
/1/1/ / heating up. The reactor trip breakers were opened in accordance with T.S. /
/1/2/ / 3.1.3.3. The card was recalibrated and returned to service. /
/1/3/ / /
/1/4/ /

FACILITY STATUS %POWER OTHER STATUS (30) METHOD OF DISCOVERY DISCOVERY DESCRIPTION (32)
/1/5/ /B/ (28) /0/0/0/ (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 / / 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) 8009030608 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 #2
Docket No. 50-339
Attachment to LER 80-046/03L-0

Attachment: Page 1 of 1

Description of Event

On August 18, 1980, while heating up in Mode 3 operation, the position indication for control rod G-9 was observed to be greater than 12 steps from the group demand position. This event is contrary to T.S. 3.1.3.3.

Probable Consequences of Event

Operability of the control rod position indication is required to determine control rod position and thereby ensure compliance with insertion limits and alignment. Since the control rod was not actually misaligned and the position indication restored within 8 hours, there was no affect on the safe operation of the unit.

Cause of Event

The cause of this event was a voltage drift in the signal conditioning card. It has been determined that voltage is affected by temperature changes in the rod drive line along with frequency changes and by secondary loadings.

Immediate Corrective Action

A recalibration and functional test was performed and the IRPI returned to service.

Scheduled Corrective Action

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

Actions Taken to Prevent Recurrence

No actions taken at this time.

Generic Implications

Drifting of the rod position indicating system has been a generic problem. The manufacturer is investigating these problems and will be developing a proposal to correct them in the future.