

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

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

/0/2/ / While lifting control rods, individual rod position indication for rod F-12 /  
 /0/3/ / failed. This is contrary to T.S. 3.1.3.2 and reportable as per T.S. 6.9.1.9.b /  
 /0/4/ / Since actual rod position was within proper alignment limits of group demand /  
 /0/5/ / position, the health and safety of the public were not affected. /  
 /0/6/ / /  
 /0/7/ / /  
 /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) /Y/ (15) /Z/ (16)  
 LER/RO EVENT YEAR SEQUENTIAL OCCURRENCE REPORT REVISION  
 (17) REPORT NO. TYPE NO.  
 NUMBER /8/0/ /-/ /0/2/5/ / \ / /0/3/ /L/ /-/ /0/

ACTION FUTURE EFFECT SHUTDOWN ATTACHMENT NPRD-4 PRIME COMP. COMPONENT  
 TAKEN ACTION ON PLANT METHOD HOURS SUBMITTED FORM SUB. SUPPLIER MANUFACTURER  
 /A/ (18) /Z/ (19) /C/ (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/ / Signal condition module for rod F-12 failed. The module was replaced and /  
 /1/1/ / recalibrated. Cause of the module failure is unknown. /  
 /1/2/ / /  
 /1/3/ / /  
 /1/4/ / /

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

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

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

PERSONNEL INJURIES DESCRIPTION (41)  
 NUMBER DESCRIPTION  
 /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  
 / / / / / / / / / / / / / /

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

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Virginia Electric and Power Company  
North Anna Power Station, Unit #2  
Docket No. 50-339  
Report No. Ler 80-25/03L-0

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#### Description of Event

On July 6, 1980, at 1424 during rod withdrawal for reactor criticality of Unit 2, individual rod position indication (IRPI) for rod F-12 became inoperable due to a failed module. Actual rod position remained within proper alignment limits of the group demand position. The module failed while the IRPI rod F-12 was being calibrated. The failure of the IRPI system is contrary to T.S. 3.1.3.2 and reportable as per T.S. 6.9.1.9.b.

#### Probable Consequences of Event

Operability of the control rod position indication is required to determine control rod position and thereby ensure compliance with the control rod alignment limits. Since the control rod was not misaligned, there was no effect on the safe operation of the plant. As a result, at no time was the health and safety of the general public affected.

#### Cause of Occurrence

The cause of this event was a failure of the signal conditioning module.

#### Immediate Corrective Action

The module was replaced and a recalibration was performed. The IRPI was returned to service at 1710 on July 6, 1980.

#### Scheduled Corrective Action

No scheduled corrective action required.

#### Action Taken to Prevent Recurrences

No further corrective action was required.

#### Generic Implications

This failure does not appear to be generic at this time.