

## LICENSEE EVENT REPORT

CONTROL BLOCK / / / / / / (1) (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

/0/1/ /V/A/N/A/S/Z/ (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) /0/2/0/2/8/3/ (8) /0/2/2/8/8/3/ (9)  
 SOURCE DOCKET NUMBER EVENT DATE REPORT DATE

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

/0/2/ / On February 2, 1983, with Unit 2 at 100% power, the reset value for the Engineer-/  
 /0/3/ / ing Safety Features (ESF) P-12 Interlock was found out of limit high on one of /  
 /0/4/ / three channels. This interlock is associated with the  $\Delta T/T$ -AVG Protection Chan- /  
 /0/5/ / nel III. Since the other two  $\Delta T/T$ AVG protection channels remained available with /  
 /0/6/ / the proper reset values the public health and safety were not affected. This /  
 /0/7/ / event is contrary to T.S. 3.3.2.1 and reportable pursuant to T.S. 6.9.1.9.a. /  
 /0/8/ /

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

/0/9/ /I/B/ (11) /E/ (12) /E/ (13) /I/N/S/T/R/U/ (14) /X/ (15) /Z/ (16)  
 LER/RO EVENT YEAR SEQUENTIAL OCCURRENCE REPORT REVISION  
 (17) REPORT NO. NO.  
 NUMBER /8/3/ /- / /0/1/5/ / / /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) /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 Engineering Safety Features P-12 Interlock reset value on one of three chan- /  
 /1/1/ / nels was high because of an erratic and sensitive potentiometer on comparator /  
 /1/2/ / card TC-432E. Attempts to adjust the device were not successful. The affected /  
 /1/3/ / comp ator card was replaced, tested and restored to service. /  
 /1/4/ /

FACILITY METHOD OF  
 STATUS %POWER OTHER STATUS DISCOVERY DISCOVERY DESCRIPTION (32)  
 /1/5/ /E/ (28) /1/0/0/ (29) / NA / (30) /B/ (31) /During Surveillance Testing/

ACTIVITY CONTENT  
 RELEASED 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)

/2/0/ /N/ (44) / NA /

NAME OF PREPARER W. R. CARTWRIGHT

PHONE (703) 894-5151

8303210465 830228  
 PDR ADOCK 05000339  
 S PDR

NRC USE ONLY

Virginia Electric and Power Company  
North Anna Power Station, Unit No. 2  
Docket No. 50-339  
Report No. LER 83-015/03L-0

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#### Description of Event

On February 2, 1983, while operating at 100% power, periodic testing on the  $\Delta T/T_{avg}$  Protection Channel III revealed that the Channel III Lo Lo T-AVG Safety Injection Actuation Setpoint reset was out of calibration high. The reset valve was 545.31°F versus the maximum allowable of less than or equal to 545°F. This reset function provides the input to the Engineering Safety Features Interlock P-12. The reset of this interlock will prevent the manual block of Safety Injection on High Steam Flow with a T-AVG in 2 of 3 channels above setpoint.

#### Probable Consequences of Occurrence

Since two redundant  $\Delta T/T_{avg}$  Protection Channels remained available to insure that the High Steam Flow/Lo Lo T-AVG Safety Injection could not be blocked with T-AVG greater than 545°F (P-12 Interlock), the public health and safety were not affected.

#### Cause of Event

The cause for the out of limit Lo Lo T-AVG Actuation and reset setpoints was an erratic and sensitive potentiometer on comparator card TC-432E.

#### Immediate Corrective Action

After discovering the Lo Lo T-AVG Safety Injection Actuation reset value was out of limit high the technician attempted to adjust the setpoint but was not successful. Subsequent corrective action included the replacement of the affected comparator card (TC-432E).

#### Scheduled Corrective Action

No further action is scheduled.

#### Actions Taken to Prevent Recurrence

No further action required.

#### Generic Implications

There are no generic implications to this event.