

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) /0/4/1/3/8/2/ (8) /0/5/0/7/8/2/ (9)
 SOURCE DOCKET NUMBER EVENT DATE REPORT DATE

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

/0/2/ / On April 13, 1982, with Unit No. 1 at 100% power, the ΔT/Tavg Protection Channel /
 /0/3/ / B was removed from service for a low and erratic reading. This discrepancy re- /
 /0/4/ / sulted in the Over Temperature Delta Temperature (OTΔT) trip setpoint increasing /
 /0/5/ / in the nonconservative direction. Since two redundant ΔT/Tavg Protection Channels /
 /0/6/ / remained available and the channel was placed in trip within one hour, the health /
 /0/7/ / and safety of the general public were not affected. This event is reportable /
 /0/8/ / pursuant to T.S. 6.9.1.9.a. /

SYSTEM CODE	CAUSE CODE	CAUSE SUBCODE	COMP. SUBCODE	VALVE SUBCODE
/0/9/ /I/A/ (11)	/X/ (12)	/Z/ (13)	/I/N/S/T/R/U/ (14)	/E/ (15)
LER/RO	EVENT YEAR	SEQUENTIAL REPORT NO.	OCCURRENCE CODE	REPORT TYPE
(17) REPORT NUMBER	/8/2/	/-/ /0/1/9/ / \ /	/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
/X/ (18)	/Z/ (19)	/Z/ (20)	/Z/ (21)	/0/0/0/0/ (22)	/Y/ (23)	/N/ (24)	/N/ (25)	/R/3/6/9/ (26)

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

/1/0/ / Since the low Tavg channel was indicating normally prior to the instrument tech- /
 /1/1/ / nicians working the channel, the cause of the failure could not be determined. /
 /1/2/ / The only corrective action performed was to perform a recalibration of the NRA /
 /1/3/ / cards and to restore the channel to normal. /
 /1/4/ /

FACILITY STATUS	%POWER	OTHER STATUS	METHOD OF DISCOVERY	DISCOVERY DESCRIPTION (32)
/1/5/ /E/ (28)	/1/0/0/ (29)	/ NA / (30)	/A/ (31)	/ Operational Event /
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)			
/2/0/ /N/ (44)	/ NA /			

NRC USE ONLY
/ / / / / / / / / / / / /

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Virginia Electric and Power Company
North Anna Power Station, Unit No. 1
Docket No. 50-338
Report No. LER 82-019/03L-0

Attachment: Page 1 of 1

Description of Event

On April 13, 1982, with Unit No. 1 at 100% power, the $\Delta T/T_{avg}$ Protection Channel B was removed from service for indicating low and in an erratic manner. The channel read between $+0^{\circ}F$ and $-8^{\circ}F$ low for a 30 minute period and then began reading normally thereafter.

Probable Consequences of Occurrence

Since two redundant $\Delta T/T_{avg}$ Protection Channels remained available and the channel was placed in trip within one hour, the health and safety of the public were not affected.

Cause of Event

The low T_{avg} indication returned to normal prior to the instrument technicians performing maintenance on the channel. Subsequent investigation yielded no cause for the Low T_{avg} reading.

Immediate Corrective Action

The faulty channel was placed in trip within one hour and maintenance was contacted. However, the problem stopped prior to the instrument personnel performing maintenance. As a precaution, the instrument technicians recalibrated the NRA cards prior to returning the channel to service.

Scheduled Corrective Action

No corrective action is scheduled.

Actions Taken to Prevent Recurrence

No further action required.

Generic Implications

Since this event appears to be an isolated incident, there are no generic implications to this event.