

## 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) /0/4/2/6/8/3/ (8) /0/5/2/0/8/3/ (9)  
SOURCE DOCKET NUMBER EVENT DATE REPORT DATE

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

/0/2/ / On April 26, 1983 with Unit 1 at 100 percent power, a calibration check of Delta /  
/0/3/ / T/TAVG Protection Channel I revealed an erratic TAVG lead lag derivative card. /  
/0/4/ / Nonconservative Channel I Overtemperature Delta T Setpoints could have resulted. /  
/0/5/ / Since the redundant channels were operable and the affected channel was placed in /  
/0/6/ / the tripped condition as required by the Action Statement of T.S. 3.3.1.1, the /  
/0/7/ / health and safety of the 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	COMPONENT CODE	COMP. SUBCODE	VALVE SUBCODE
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/0/9/ /L/A/ (11) /E/ (12) /E/ (13) /I/N/S/T/R/U/ (14) /Y/ (15) /Z/ (16)  
LER/RO EVENT YEAR SEQUENTIAL OCCURRENCE REPORT REVISION  
REPORT NO. TYPE NO.  
(17) NUMBER /8/3/ /- /0/2/6/ / /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
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/C/ (18) /Z/ (19) /Z/ (20) /Z/ (21) /0/0/0/0/ (22) /Y/ (23) /Y/ (24) /N/ (25) /W/1/2/0/ (26)  
CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

/1/0/ / The cause of the TAVG lead lag derivative card's erratic behavior has not been /  
/1/1/ / determined. The card was replaced, calibrated, and the channel returned to ser- /  
/1/2/ / vice. There are no generic implications associated with this event. /  
/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) /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 TYPE	DESCRIPTION (43)
/1/9/ /Z/ (42)	/ NA /

PUBLICITY ISSUED	DESCRIPTION (45)
/2/0/ /N/ (44)	/ NA /

NRC USE ONLY

NAME OF PREPARER 2. WAYNE HARRELL

PHONE (703) 894-5151

# Vepco

VIRGINIA ELECTRIC AND POWER COMPANY  
NORTH ANNA POWER STATION  
P. O. BOX 402  
MINERAL, VIRGINIA 23117

USNRC REGION I  
ATLANTA, GEORGIA

83 MAY 25 11:05

May 20, 1983

Mr. James P. O'Reilly, Regional Administrator  
U. S. Nuclear Regulatory Commission  
Region II  
101 Marietta Street, Suite 2900  
Atlanta, Georgia 30303

Serial No. N-83-063  
NO/ JRR: 11  
Docket No. 50-338  
License No. NPF-4

Dear Mr. O'Reilly:

Pursuant to North Anna Power Station Technical Specifications, the Virginia Electric and Power Company hereby submits the following License Event Report applicable to North Anna Unit No. 1.

Report No.

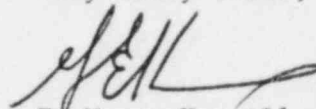
Applicable Technical Specifications

LER 83-026/03L-0

T.S. 6.9.1.9.a

This report has been reviewed by the Station Nuclear Safety and Operating Committee and will be forwarded to Safety Evaluation and Control for their review.

Very Truly Yours,



E. Wayne Harrell  
Station Manager

for

Enclosures (3 copies)

cc: Document Control Desk (1 copy)  
016 Phillips Bldg.  
U.S. Nuclear Regulatory Commission  
Washington, D. C. 20555

OFFICIAL COPY

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Virginia Electric and Power Company  
North Anna Power Station, Unit No. 1  
Docket No. 50-338  
Attachment to LER 83-026/03L-0

Attachment: Page 1 of 1

#### Description of Event

On April 26, 1983, a calibration check of Delta T/TAVG Protection Channel I was performed since the Overtemperature Delta T Setpoint was observed to be fluctuating. The response of the TAVG lead lag derivative card which inputs to the Overtemperature Delta T Setpoint determination logic was found to be erratic. This could have resulted in nonconservative Overtemperature Delta T Setpoints. This event is reportable pursuant to T.S. 6.9.1.9.a.

#### Probable Consequences of Occurrence

The Overtemperature Delta T Reactor Trip, Turbine Runback and Control Rod Withdrawal Block protect the core against a low DNBR. Since the redundant two channels were operable and the affected channel was placed in the tripped condition in accordance with the Action Statement of T.S. 3.3.1.1, the health and safety of the public were not affected.

#### Cause of Event

The TAVG lead lag derivative card (Westinghouse Series 7300, Style 2837A18G01) was observed to spike to +10 volts and then to -720 millivolts with a steady state input signal of 0 volts when tested by instrument technicians.

#### Immediate Corrective Action

The TAVG lead lag card was replaced, calibrated satisfactorily and the channel was returned to service.

#### Scheduled Corrective Action

No scheduled corrective actions are required.

#### Action Taken To Prevent Recurrence

No further action is required.

#### Generic Implications

There are no generic implications associated with this event.