

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

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

/0/2/ / On November 12, 1983, during Mode 1 operation, the Solid State Protection System /
/0/3/ / train A "Stop Valve-Generator Trip" logic failed to meet the Acceptance Criteria /
/0/4/ / of 2-PT-36.1A. The logic was restored within the requirements of the T.S. /
/0/5/ / 3.3.1.1 Action Statement, therefore the health and safety of the public were not /
/0/6/ / affected. This item is reportable pursuant to T.S. 6.9.1.9.b. /
/0/7/ / /
/0/8/ / /

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

/0/9/ /I/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. NO.
(17) NUMBER /8/3/ /- /0/7/5/ / /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) /Y/ (24) /N/ (25) /W/1/2/0/ (26)

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

/1/0/ / The logic failure was traced to a faulty Universal Card (A404). The card was re- /
/1/1/ / placed and the logic channel returned to service after calibration. /
/1/2/ / /
/1/3/ / /
/1/4/ / /

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

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) 8312080100 831130
/1/8/ /0/0/0/ (40) / NA / S PDR ADOCK 05000339 PDR

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 E. Wayne Harrell

PHONE (703) 894-5151

Virginia Electric and Power Company
North Anna Power Station, Unit No. 2
Docket No. 50-339
Attachment to LER 83-075/03L-0

Attachment: Page 1 of 1

Description of Event

During the performance of the Reactor Protection and ESF Logic Test (2-PT-36.1A), the positioning of the logic test switch (Position 18) in the SSPS train A resulted in a "logic-fault" light on the test panel indicating a failure in the logic circuit. Investigation revealed a failed universal card in the train. The reactor trip logic from the closure of turbine stop valves (4 of 4 logic) was the trip feature affected.

Probable Consequences of Occurrence

The reactor trip from the closure of all stop valves provides a loss of heat sink protection by providing for a reactor trip when above 10% power (P-7). Since the faulted channel was restored within the requirements of the T.S. 3.3.1.1 Action Statement and the redundant train remained operable to provide a reactor trip if all stop valves were closed, the health and safety of the public were not affected.

Cause of Event

This event was caused by the failure of a portion of the universal card (A404) in the SSPS train "A" logic.

Immediate Corrective Action

The faulted card was replaced, the channel functionally tested and returned to service.

Scheduled Corrective Action

No further action required.

Action Taken To Prevent Recurrence

No further action required.

Generic Implications

There are no generic implications as a result of this event.

Vepco

VIRGINIA ELECTRIC AND POWER COMPANY

NORTH ANNA POWER STATION

P. O. BOX 402

MINERAL, VIRGINIA 23117

DEC 5 49:37

November 30, 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-83-164
NO/DAH: 11
Docket No. 50-339
License No. NPF-7

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. 2.

Report No.

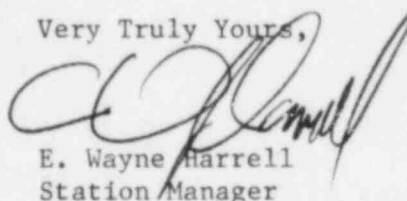
Applicable Technical Specifications

LER 83-075/03L-0

T.S. 6.9.1.9.b

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

Enclosures (3 copies)

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

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