

LICENSEE EVENT REPORT

CONTROL BLOCK: 1 2 3 4 5 6

PLEASE PRINT ALL REQUIRED INFORMATION

LICENSEE NAME	LICENSE NUMBER	LICENSE TYPE	EVENT TYPE
01 V A S P S 2	0 0 - 0 0 0 0 0 - 0 0	4 1 1 1 0	0 3
7 8 9 14	15 25	26 30	31 32

CATEGORY	REPORT TYPE	REPORT SOURCE	DOCKET NUMBER	EVENT DATE	REPORT DATE
01 CONT M I	L	L	0 5 0 - 0 2 8 1	0 6 2 1 7 6	0 7 1 9 7 6
7 8	57 58	59 60	61 68	69 74	75 80

EVENT DESCRIPTION

7	8	9	02 A loss of detector voltage alarm was received on the Power Range Nuclear Instrument	80
7	8	9	03 Channel 42. Investigation determined it was malfunctioning and the channel was placed	80
7	8	9	04 in trip per the applicable T.S. Three channels remained operable, maintaining the re-	80
7	8	9	05 quired minimum degree of redundancy. This is reportable per Technical Specification	80
7	8	9	06 6.6.2.b.2. (USRE-S2-76-10)	80

SYSTEM CODE	CAUSE CODE	COMPONENT CODE	PRIME COMPONENT SUPPLIER	COMPONENT MANUFACTURER	VIOLATION
07 I A	E	I N S T R U	N	X 9 9 9	Y
7 8 9 10	11	12 17	43	44 47	48

CAUSE DESCRIPTION

7	8	9	08 An investigation revealed that the failed component was in the -25 Volt power supply	80
7	8	9	09 of the channel which resulted in the loss of voltage regulation and an increase in the	80
7	8	9	10 negative supply voltage to -38 Volts. This caused a trip of the loss of (Cont)	80

FACILITY STATUS	% POWER	OTHER STATUS	METHOD OF DISCOVERY	DISCOVERY DESCRIPTION
11 E	1 0 0	N/A	A	Loss of Detector Voltage Alarm
7 8 9	10 12 13	44	45	80

FORM OF ACTIVITY RELEASED	CONTENT OF RELEASE	AMOUNT OF ACTIVITY	LOCATION OF RELEASE
12 Z	Z	N/A	N/A
7 8 9	10 11	44	80

PERSONNEL EXPOSURES

NUMBER	TYPE	DESCRIPTION
13 0 0 0	Z	N/A
7 8 9 11	12	80

PERSONNEL INJURIES

NUMBER	DESCRIPTION
14 0 0 0	N/A
7 8 9 11 12	80

OFFSITE CONSEQUENCES

7	8	9	15 N/A	80
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LOSS OR DAMAGE TO FACILITY

TYPE	DESCRIPTION
16 Z	N/A
7 8 9 10	80

PUBLICITY

7	8	9	17 N/A	80
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ADDITIONAL FACTORS

7	8	9	18 Since the minimum degree of redundancy was maintained, the problem did not affect the	80
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7	8	9	19 safe continued operation of the unit. Therefore, the health and safety of (Cont'd.)	80
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NAME: T. L. Baucom

PHONE: (804) 357-3184

CAUSE DESCRIPTION (CONTINUED)

Detector Voltage bistable and an improper reading on the power range channel indicator. The power supply was replaced and the channel calibrated and returned to normal. This component failure is considered a random event.

ADDITIONAL FACTORS (CONTINUED)

the public was not affected.

VIRGINIA ELECTRIC AND POWER COMPANY
RICHMOND, VIRGINIA 23261

July 21, 1976

IE FILE COPY



Mr. Norman C. Moseley, Director
Directorate of Regulatory Operations
United States Atomic Energy Commission
Region II - Suite 818
230 Peachtree Street, Northwest
Atlanta, Georgia 30303

Serial No. 149-
PO&M/LJC:jlf

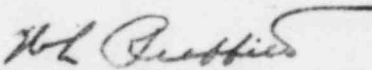
Docket No. 50-281
License No. DPR-37

Dear Mr. Moseley:

Pursuant to Surry Power Station Technical Specification 6.6.B.2, the Virginia Electric and Power Company hereby submits a copy of Licensee Event Report No. USRE-S2-76-10.

The substance of this report has been reviewed by the Station Nuclear Safety and Operating Committee and will be placed on the agenda for the next meeting of the System Nuclear Safety and Operating Committee.

Very truly yours,


C. M. Stallings

Vice President-Power Supply
and Production Operations

Enclosure

cc: Mr. Robert W. Reid, Chief (40 copies) ✓
Operating Reactors Branch 4

7405

TOPY SENT REGION 