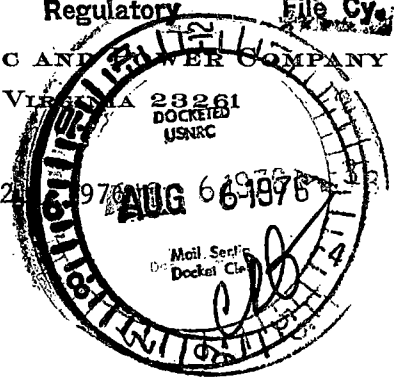


Regulatory File Cy.
VIRGINIA ELECTRIC AND POWER COMPANY
RICHMOND, VIRGINIA 23261

July 21, 1976



Mr. Norman G. 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,

G. M. Stallings
G. M. Stallings
Vice President-Power Supply
and Production Operations

Enclosure

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

7961

LICENSEE EVENT REPORT

CONTROL BLOCK:

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(PLEASE PRINT ALL REQUIRED INFORMATION)

LICENSEE NAME:

01	V	A	S	P	S	2
----	---	---	---	---	---	---

 LICENSE NUMBER:

0	0	-	0	0	0	0	0	-	0	0
---	---	---	---	---	---	---	---	---	---	---

 LICENSE TYPE:

4	1	1	1	0
---	---	---	---	---

 EVENT TYPE:

0	3
---	---

CON'T CATEGORY:

M	I
---	---

 REPORT TYPE:

L

 REPORT SOURCE:

L

 DOCKET NUMBER:

0	5	0	-	0	2	8	1
---	---	---	---	---	---	---	---

 EVENT DATE:

0	6	2	1	7	6
---	---	---	---	---	---

 REPORT DATE:

0	7	1	9	7	6
---	---	---	---	---	---

EVENT DESCRIPTION

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

SYSTEM CODE:

I	A
---	---

 CAUSE CODE:

E

 COMPONENT CODE:

I	N	S	T	R	U
---	---	---	---	---	---

 PRIME COMPONENT SUPPLIER:

N

 COMPONENT MANUFACTURER:

X	9	9	9
---	---	---	---

 VIOLATION:

Y

CAUSE DESCRIPTION

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

FACILITY STATUS:

E

 % POWER:

1	0	0
---	---	---

 OTHER STATUS:

N/A

 METHOD OF DISCOVERY:

A

 DISCOVERY DESCRIPTION:

Loss of Detector Voltage Alarm

FORM OF ACTIVITY RELEASED:

Z

 CONTENT OF RELEASE:

Z

 AMOUNT OF ACTIVITY:

N/A

 LOCATION OF RELEASE:

N/A

PERSONNEL EXPOSURES

NUMBER:

0	0	0
---	---	---

 TYPE:

Z

 DESCRIPTION:

N/A

PERSONNEL INJURIES

NUMBER:

0	0	0
---	---	---

 DESCRIPTION:

N/A

OFFSITE CONSEQUENCES

15 | N/A |

LOSS OR DAMAGE TO FACILITY

TYPE:

Z

 DESCRIPTION:

N/A

PUBLICITY

17 | N/A |

ADDITIONAL FACTORS

18 | Since the minimum degree of redundancy was maintained, the problem did not affect the |
19 | safe continued operation of the unit. Therefore, the health and safety of (Cont'd.) |

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.