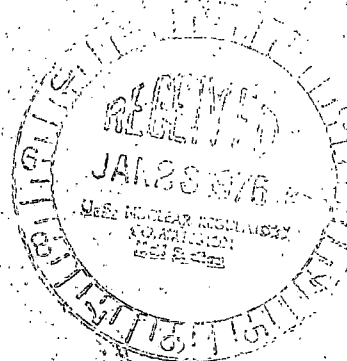
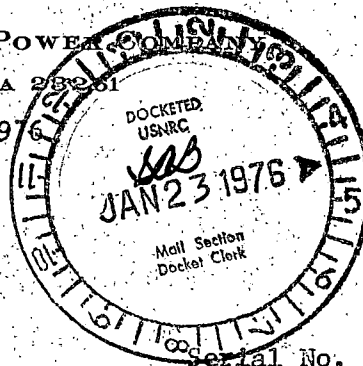


VIRGINIA ELECTRIC AND POWER COMPANY  
RICHMOND, VIRGINIA 23299

January 22, 1976



Mr. Norman C. Moseley, Director  
Office of Inspection and Enforcement  
United States Nuclear Regulatory Commission  
Region II - Suite 818  
230 Peachtree Street, Northwest  
Atlanta, Georgia 30303

Serial No. 869  
PO&M/ALH:clw  
Docket No. 50-281  
License No. DPR-37

Dear Mr. Moseley:

Pursuant to Surry Power Station Technical Specification 6.6.B.1,  
the Virginia Electric and Power Company hereby submits forty (40) copies  
of Abnormal Occurrence Report No. AO-S2-75-22.

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*

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

Enclosures

40 copies of AO-S2-75-22

cc: Mr. Robert W. Reid ✓

# LICENSEE EVENT REPORT

AO-S2-75-22

CONTROL BLOCK: 

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(PLEASE PRINT ALL REQUIRED INFORMATION)

01	V	A	S	P	S	2	0	0	-	0	0	0	0	0	-	0	0	4	1	1	1	0	0	1	
7	8	9	14	15	25	26	30	31	32																
01	CONT	P	O	T	L	0	5	0	-	0	2	8	1	1	2	1	9	7	5	0	1	2	0	7	6
7	8	57	58	59	60	61	68	69	74	75															80

## EVENT DESCRIPTION

02	While operating at 100 per cent power Channel 3 for overtemperature $\Delta T$ indicated 132																							80
03	per cent while Channel 1 and 2 indicated 118 per cent. This was a setpoint drift in																							80
04	the nonconservative direction, and was contrary to Technical Specification 2.3.A.2.																							80
05	A power rampdown was initiated until the Channel 3 bistables could be placed in the																							80
06	trip mode. The bi-weekly calibration check was then performed. Upon placing (con't)																							80

07	I	A	F	I	N	S	T	R	U	N	W	1	2	0	Y										
7	8	9	10	11	12	17	43	44	47	48															80

## CAUSE DESCRIPTION

08	The cause of this occurrence is not definitely known. When the channel was placed in																							80
09	test the out of specification condition cleared. The calibration check revealed two																							80
10	test point voltages slightly out of specification high; however, this was not (con't)																							80

11	E	1	0	0	N/A	A	N/A																		
7	8	9	10	12	13	44	45	46																	80
12	Z	Z	N/A	N/A																					
7	8	9	10	11	44	45																			80

## PERSONNEL EXPOSURES

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

## PERSONNEL INJURIES

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

## OFFSITE CONSEQUENCES

15	N/A																								
7	8	9																							80

## LOSS OR DAMAGE TO FACILITY

16	Z	N/A																							
7	8	9	10																						80

## PUBLICITY

17	N/A																								
7	8	9																							80

## ADDITIONAL FACTORS

18	Due to the coincidence feature of the overtemperature trips, the health and safety of																							80
19	the general public were not affected by this occurrence.																							80

NAME: T. L. Baucom PHONE: (804) 357-3184

EVENT DESCRIPTION (con't)

the channel in test, the high indication condition cleared. (AO-S2-75-22)

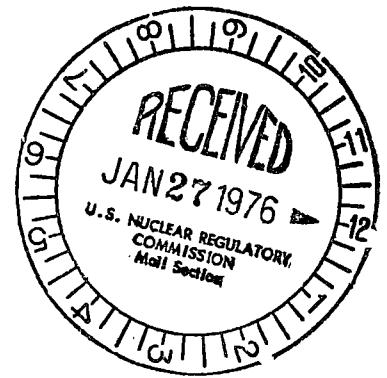
CAUSE DESCRIPTION (con't)

related to the high condition observed. A calibration was performed on the channel and it has functioned normally since being placed back in service. It is postulated that a faulty meter indication, dirty electrical contacts or similar cause resulted in this occurrence. There are no generic implications, in that no cause was found that would indicate a problem in other instrumentation. This phenomenon has not occurred before.

Reactor safety was not affected, due to the coincidence design of the over-temperature  $\Delta T$  trips. Channels 1 and 2 were functioning normally, thereby providing the required two out of three protective function.

VIRGINIA ELECTRIC AND POWER COMPANY  
RICHMOND, VIRGINIA 23261

January 22, 1976



Mr. Norman C. Moseley, Director  
Office of Inspection and Enforcement  
United States Nuclear Regulatory Commission  
Region II - Suite 818  
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Atlanta, Georgia 30303

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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,

A handwritten signature in cursive script that reads "C. M. Stallings".

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

Enclosures

40 copies of AO-S2-75-22

cc: Mr. Robert W. Reid

# LICENSEE EVENT REPORT

A0-S2-75-22

CONTROL BLOCK: 

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**(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	1	
7	8	9	14	15	25	26	30	31	32																
CATEGORY		REPORT TYPE	REPORT SOURCE	DOCKET NUMBER				EVENT DATE			REPORT DATE														
01	CONT	P	O	T	L	0	5	0	-	0	2	8	1	1	2	1	9	7	5	0	1	2	0	7	6
7	8	57	58	59	60	61	68	69	74	75	80														

**EVENT DESCRIPTION**

02 While operating at 100 per cent power Channel 3 for overtemperature  $\Delta T$  indicated 132  
03 per cent while Channel 1 and 2 indicated 118 per cent. This was a setpoint drift in  
04 the nonconservative direction, and was contrary to Technical Specification 2.3.A.2.  
05 A power rampdown was initiated until the Channel 3 bistables could be placed in the  
06 trip mode. The bi-weekly calibration check was then performed. Upon placing (con't)

SYSTEM CODE		CAUSE CODE		COMPONENT CODE				PRIME COMPONENT SUPPLIER	COMPONENT MANUFACTURER			VIOLATION			
07	I	A	F	I	N	S	T	R	U	N	W	1	2	0	Y
7	8	9	10	11	12	17	43	44	47	48					

**CAUSE DESCRIPTION**

08 The cause of this occurrence is not definitely known. When the channel was placed in  
09 test the out of specification condition cleared. The calibration check revealed two  
10 test point voltages slightly out of specification high; however, this was not (con't)

FACILITY STATUS		% POWER		OTHER STATUS		METHOD OF DISCOVERY		DISCOVERY DESCRIPTION					
11	E	1	0	0	N/A	A	N/A						
7	8	9	10	12	13	44	45	46					

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	45				

**PERSONNEL EXPOSURES**

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

**PERSONNEL INJURIES**

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

**OFFSITE CONSEQUENCES**

15 N/A

**LOSS OR DAMAGE TO FACILITY**

TYPE		DESCRIPTION	
16	Z	N/A	
7	8	9	10

**PUBLICITY**

17 N/A

**ADDITIONAL FACTORS**

18 Due to the coincidence feature of the overtemperature trips, the health and safety of  
19 the general public were not affected by this occurrence.

NAME: T. L. Baucom

PHONE: (804) 357-3184

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