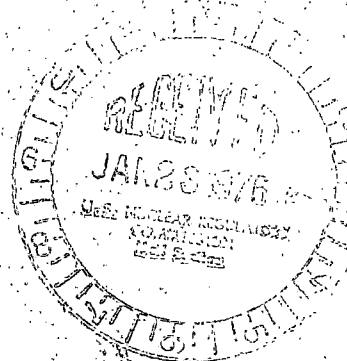
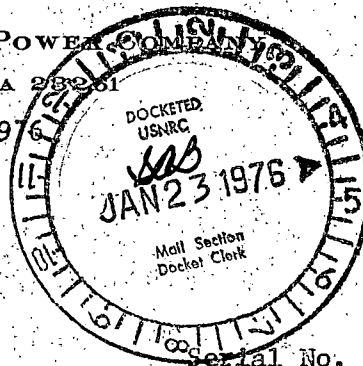


VIRGINIA ELECTRIC AND POWER COMPANY
RICHMOND, VIRGINIA 23299

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)

LICENSEE NAME						LICENSE NUMBER										LICENSE TYPE				EVENT TYPE					
01	V	A	S	P	S	2	0	0	-	0	0	0	0	0	0	-	0	0	4	1	1	1	0	0	1
7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	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	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32

EVENT DESCRIPTION

02	While operating at 100 per cent power Channel 3 for overtemperature ΔT 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

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	13	14	15	16	17	18	19	20	21	22	23	24

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

FACILITY STATUS		% POWER			OTHER STATUS			METHOD OF DISCOVERY		DISCOVERY DESCRIPTION							
11	E	1	0	0	N/A	A	N/A	N/A	N/A								
7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
FORM OF ACTIVITY RELEASED		CONTENT OF RELEASE		AMOUNT OF ACTIVITY				LOCATION OF RELEASE									
12	Z	Z	N/A	N/A	N/A	N/A	N/A	N/A	N/A								
7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24

PERSONNEL EXPOSURES

NUMBER		TYPE		DESCRIPTION	
13	0	0	0	Z	N/A
7	8	9	10	11	12

PERSONNEL INJURIES

NUMBER		DESCRIPTION			
14	0	0	0	N/A	
7	8	9	10	11	12

OFFSITE CONSEQUENCES

15	N/A																							80
----	-----	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	----

LOSS OR DAMAGE TO FACILITY

TYPE		DESCRIPTION	
16	Z	N/A	
7	8	9	10

PUBLICITY

17	N/A																							80
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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)

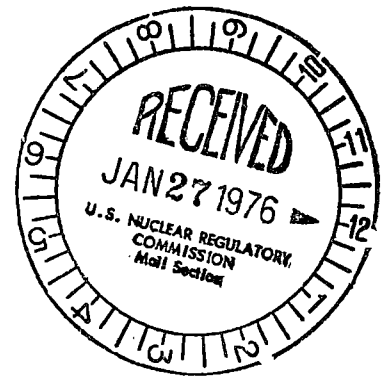
CAUSE DESCRIPTION (con't)

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 ΔT 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
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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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LICENSEE NAME						LICENSE NUMBER						LICENSE TYPE			EVENT TYPE										
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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

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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

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