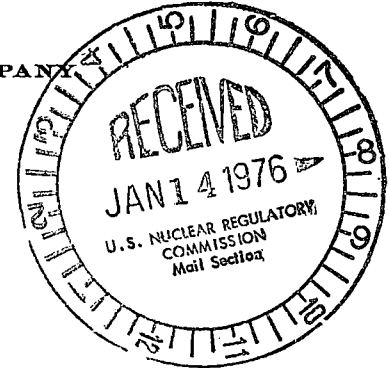


VIRGINIA ELECTRIC AND POWER COMPANY
RICHMOND, VIRGINIA 23261

January 9, 1976



40 COPIES OF AO-S2-75-21 COPY

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. 851
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-S2-75-21.

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.

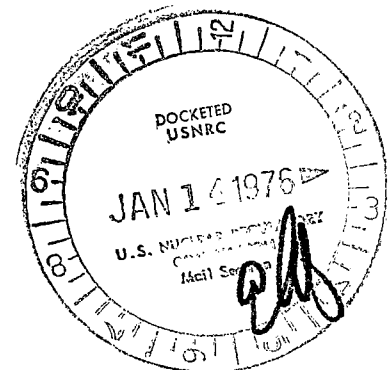
Very truly yours,

C. M. Stallings

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

Enclosures
40 copies of AO-S2-75-21

cc: Mr. Robert W. Reid



LICENSEE EVENT REPORT

A0-S2-75-21

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																					
01		CON'T		CATEGORY		REPORT TYPE		REPORT SOURCE		DOCKET NUMBER					EVENT DATE			REPORT DATE												
01	P	O	T	L	0	5	0	-	0	2	8	1	1	2	3	0	7	5	0	1	0	8	7	6						
7	8	57	58	59	60	61	68	69	74	75	80																			

EVENT DESCRIPTION

02 During normal operation, it was noted that ΔT protection channel "1" was reading 6 per cent low. Channel "1" ΔT protection was placed in the "tripped" mode. The other ΔT protection channels were operable. A similar event occurred on October 3, 1975 and is described in report A0-S2-75-17. This occurrence is a violation of Technical Specification 2.3. (A0-S2-75-21)

SYSTEM CODE		CAUSE CODE		COMPONENT CODE				PRIME COMPONENT SUPPLIER		COMPONENT MANUFACTURER			VIOLATION		
07	I	A	E	I	N	S	T	R	U	N	R	3	7	0	Y
7	8	9	10	11	12	17	43	44	47	48					

CAUSE DESCRIPTION

08 An investigation revealed that a crack in a steam generator blowdown pipe allowed steam to impinge upon the "A" loop T_H RTD, causing it to erroneously read low. The ohmic characteristics of the installed spare RTD were also incorrect because (con't)

FACILITY STATUS		% POWER		OTHER STATUS		METHOD OF DISCOVERY		DISCOVERY DESCRIPTION			
11	E	0	6	8	N/A	A	N/A				
7	8	9	10	12	13	44	45	46	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	45	80				

PERSONNEL EXPOSURES

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

PERSONNEL INJURIES

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

OFFSITE CONSEQUENCES

15 N/A

LOSS OR DAMAGE TO FACILITY

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

PUBLICITY

17 N/A

ADDITIONAL FACTORS

18 The health and safety of the general public were not affected because the other two operable protection channels would have tripped the unit if necessary.

NAME: T. L. Baucom

PHONE: (804) 357-3184

CAUSE DESCRIPTION (con't)

of the steam leak. After the leak was stopped, the RTD's returned to normal as they dried. The normal RTD was returned to service. The same model RTD's are in use in both units. Any long term corrective action will be described in subsequent update reports to A0-S1-75-19, previous report date October 2, 1975.