

LICENSEE EVENT REPORT

AO-S2-75-18

CONTROL BLOCK

[PLEASE PRINT ALL REQUIRED INFORMATION]

LICENSEE NAME										LICENSEE NUMBER										LICENSE TYPE										EVENT TYPE																													
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									
CONT P O										1 L										0 5 0 - 0 2 8 1										1 0 0 9 7 5										1 0 2 1 7 5																			
7 8 57 58										59 60										61 68										69 74										75 80																			

EVENT DESCRIPTION

02	During normal operation a steam generator level transmitter isolation valve body to	80
03	bonnet leak wetted down RPI cabling, causing grounds and erratic indication for 24	80
04	different rods, violating TS 3.12.E.2. A turbine runback alarm was initiated via the	80
05	RPI and a runback did not occur. The unit was shutdown, the valve was replaced, and	80
06	RPI's restored to service. (AO-S2-75-18)	80

SYSTEM CODE				CAUSE CODE		COMPONENT CODE						PRIME COMPONENT SUPPLIER		COMPONENT MANUFACTURER				VIOLATION	
I D				E		V A L V E X						A		V 1 3 5				Y	
7 8 9 10				11		12 17						43		44 47				48	

CAUSE DESCRIPTION

08	A Vogt 3/4" globe valve (2-FW-66) had a body to bonnet leak. Water spray caused	80
09	erratic RPI indication on 24 rods. The turbine runback did not occur because leads	80
10	were lifted due to past RPI and EHC problems. A complete wiring check of (con't)	80

FACILITY STATUS				% POWER				OTHER STATUS				METHOD OF DISCOVERY				DISCOVERY DESCRIPTION			
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							
Z				Z				N/A				N/A							
7 8 9				10 11				44 45											

PERSONNEL EXPOSURES

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

PERSONNEL INJURIES

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

OFFSITE CONSEQUENCES

15	N/A	80
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LOSS OR DAMAGE TO FACILITY

TYPE		DESCRIPTION	
Z		N/A	
7 8 9 10			

PUBLICITY

17	N/A	80
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8403120275 751021
PDR ADCK 05000281
S PDR

ADDITIONAL FACTORS

18	The health and safety of the public were not affected by this occurrence.	80
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19		80
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NAME: E. M. Sweeney, Jr.

PHONE: (804) 357-3184

CAUSE DESCRIPTION (con't)

the relay racks was conducted and appropriate leads were reconnected following repairs. The leaking valves as well as 8 other level transmitter low isolation valves were replaced with Velan Seal Welded valves, to prevent further body to bonnet leakage. A similar valve replacement will be done on Unit No. 1. The use of the jumper log and other electrical wiring checks will be re-emphasized to all appropriate maintenance personnel. If a rod had actually dropped and a flux change occurred, the turbine runback feature would have functioned via any of the 4 power range nuclear detectors.

VIRGINIA ELECTRIC AND POWER COMPANY
RICHMOND, VIRGINIA 23261

October 24, 1975



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. 750
PO&M/JTB: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-S2-75-18.

IE FILE COPY

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-S2-75-18

cc: Mr. Robert W. Reid

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