

# LICENSEE EVENT REPORT

A0-S2-75-17

CONTROL BLOCK

[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 0														LICENSE TYPE 4 1 1 1 0						EVENT TYPE 0 1									
CATEGORY 01 CONT P Q														REPORT TYPE T		REPORT SOURCE L		DOCKET NUMBER 0 5 0 - 0 2 8 1														EVENT DATE 1 0 0 3 7 5						REPORT DATE 1 0 1 4 7 5					

## EVENT DESCRIPTION

02 During normal operation, the Loop "C" hot leg RTD failed low, causing the protection																																																																															
03 ΔT and T <sub>avg</sub> signals to fail low. This is in violation of Technical Specification 2.3.																																																																															
04 The unit was ramped down until the affected channel could be placed in the trip mode.																																																																															
05 The redundant channels were operable. (A0-S2-75-17)																																																																															
06																																																																															

SYSTEM CODE 07 I A										CAUSE CODE E		COMPONENT CODE I N S T E U										PRIME COMPONENT SUPPLIER N		COMPONENT MANUFACTURER R 3 7 0										VIOLATION Y	
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## CAUSE DESCRIPTION

08 An investigation revealed that the ohmic characteristics of both the connected RTD and																																																																															
09 the installed spare were incorrect. The unit was operated with the channel in trip																																																																															
10 until Oct. 10, 1975, at which time the unit was brought to cold shutdown. (Con't)																																																																															

FACILITY STATUS 11 E										% POWER 1 0 0										OTHER STATUS N/A										METHOD OF DISCOVERY A										DISCOVERY DESCRIPTION N/A									
FORM OF ACTIVITY RELEASED 12 Z										CONTENT OF RELEASE Z										AMOUNT OF ACTIVITY N/A										LOCATION OF RELEASE N/A																			

## PERSONNEL EXPOSURES

NUMBER 13 0 0 0										TYPE Z		DESCRIPTION N/A									
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## PERSONNEL INJURIES

NUMBER 14 0 0 0										DESCRIPTION N/A									
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## OFFSITE CONSEQUENCES

15 N/A																																																																															
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## LOSS OR DAMAGE TO FACILITY

TYPE 16 Z										DESCRIPTION N/A									
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## PUBLICITY

17 N/A																																																																															
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8403120281 751014  
PDR ADOCK 05000281  
S PDR

## ADDITIONAL FACTORS

18 The health and safety of the public were not affected by this occurrence.																																																																															
19																																																																															

NAME: E. M. Sweeney, Jr.

PHONE: (804) 357-3184

CAUSE DESCRIPTION (con't)

Steam/water leaks had saturated the instruments. Both failed instruments were replaced, the channel tested and placed into service. Rosemount Engineering Company manufactured the equipment (Model 176KF).

VIRGINIA ELECTRIC AND POWER COMPANY  
RICHMOND, VIRGINIA 23261

October 17, 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. 738  
PO&M/JTE:clw

Docket No. 50-281  
License No. DPR-37

IE FILE COPY

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-S2-75-17.

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-S2-75-17

cc: Mr. Robert W. Reid

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