

LICENSEE EVENT REPORT

Updated Report
AO-S1-75-16

CONTROL BL

(PLEASE PRINT ALL REQUIRED INFORMATION)

LICENSEE NAME 01 V A S P S 1														LICENSE NUMBER 0 0 - 0 0 0 0 0 - 0 0														LICENSE TYPE 4 1 1 1 0						EVENT TYPE 0 1									
CATEGORY 01 CON'T P O														REPORT TYPE 0		REPORT SOURCE L		DOCKET NUMBER 0 5 0 - 0 2 8 0														EVENT DATE 0 8 2 2 7 5						REPORT DATE 0 2 0 2 7 6					

EVENT DESCRIPTION

02 Technical Specification 2.3 was violated on August 22, 1975 and again on August 23,																																																																															
03 1975 when Channel II $\Delta T/T_{avg}$ protection drifted in the nonconservative direction																																																																															
04 (AO-S1-75-16).																																																																															
05																																																																															
06																																																																															

SYSTEM CODE 07 I A										CAUSE CODE E		COMPONENT CODE V A L V E X										PRIME COMPONENT SUPPLIER N		COMPONENT MANUFACTURER X 9 9 9										VIOLATION Y	
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CAUSE DESCRIPTION

08 The apparent mode of failure is moisture accumulation between sensor insulation and																																																																															
09 the copper lead wire due to inleakage from the terminal lug end of the RTD. Review																																																																															
10 by prime component supplier (Westinghouse) and the component manufacturer (con't)																																																																															

FACILITY STATUS 11 E										% POWER 0 9 8										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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ADDITIONAL FACTORS

18																																																																															
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19																																																																															
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NAME: E. M. Sweeney, Jr. PHONE: (804) 357-3184

CAUSE DESCRIPTION (con't)

(Rosemount) has not provided a complete solution to the problem of RTD failure upon steam/water impingement. However, a RTD of revised internal construction is now available which is designed to have better resistance to water intrusion. Accordingly, all RTD's on Unit No. 1 were replaced with the improved version during its refueling outage. A similar replacement will be made on Unit No. 2 during its next refueling outage. The performance of the new RTD's will continue to be assessed and evaluated during subsequent operation.

VIRGINIA ELECTRIC AND POWER COMPANY
RICHMOND, VIRGINIA 23261

February 11, 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. 677-S
PO&M/ALH:clw

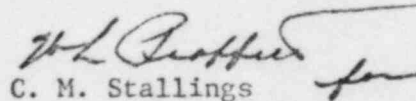
Docket Nos. 50-280
License Nos. DPR-32

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 Updated Abnormal Occurrence Report No. AO-S1-75-16.

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

Vice President-Power Supply
and Production Operations

Enclosures

40 copies of AO-S1-75-16

cc: Mr. Robert W. Reid