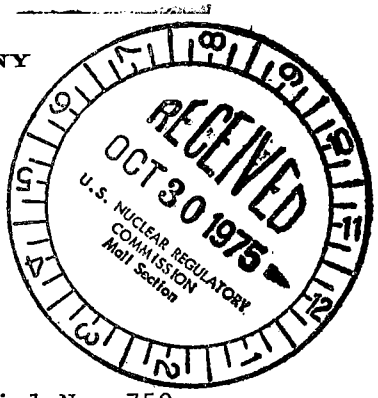
Regulatory Docket File

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.

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-S2-75-18

cc: Mr. Robert W. Reid

12533

LICENSEE EVENT REPORT

AO-S2-75-18

CONTROL BLOCK: | | | | | | | (PLEASE PRINT ALL REQUIRED INFORMATION)

Regulatory Docket File

Docketed by/Date 10-24-75

	LICENSEE NAME	LICENSE NUMBER	LICENSE TYPE	
01	V A S P S 2	0 0 – 0 0 0 0 0 – 0 0	4 1 1 1 0	0 1

		CATEGORY	REPORT TYPE	REPORT SOURCE	DOCKET NUMBER	EVENT DATE	REPORT DATE
01	CON'T	P 0	T	L	0 5 0 – 0 2 8 1	1 0 0 9 7 5	1 0 2 1 7 5

EVENT DESCRIPTION

02 During normal operation a steam generator level transmitter isolation valve body to

03 bonnet leak wetted down RPI cabling, causing grounds and erratic indication for 24

04 different rods, violating TS 3.12.E.2. A turbine runback alarm was initiated via the

05 RPI and a runback did not occur. The unit was shutdown, the valve was replaced, and

06 RPI's restored to service. (AO-S2-75-18)

	SYSTEM CODE	CAUSE CODE	COMPONENT CODE	PRIME COMPONENT SUPPLIER	COMPONENT MANUFACTURER	VIOLATION
07	I D	E	V A L V E X	A	V 1 3 5	Y

CAUSE DESCRIPTION

08 A Vogt 3/4" globe valve (2-FW-66) had a body to bonnet leak. Water spray caused

09 erratic RPI indication on 24 rods. The turbine runback did not occur because leads

10 were lifted due to past RPI and EHC problems. A complete wiring check of (con't)

	FACILITY STATUS	% POWER	OTHER STATUS	METHOD OF DISCOVERY	DISCOVERY DESCRIPTION
11	E	1 0 0	N/A	A	N/A

	FORM OF ACTIVITY RELEASED	CONTENT OF RELEASE	AMOUNT OF ACTIVITY	LOCATION OF RELEASE
12	Z	Z	N/A	N/A

PERSONNEL EXPOSURES

	NUMBER	TYPE	DESCRIPTION
13	0 0 0	Z	N/A

PERSONNEL INJURIES

	NUMBER	DESCRIPTION
14	0 0 0	N/A

OFFSITE CONSEQUENCES

15 N/A

LOSS OR DAMAGE TO FACILITY

	TYPE	DESCRIPTION
16	Z	N/A

PUBLICITY

17 N/A

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

GPO 881-667

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.