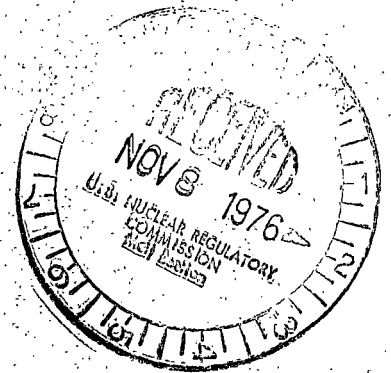


REGULATORY DOCKET

VIRGINIA ELECTRIC AND POWER COMPANY
RICHMOND, VIRGINIA 23261

November 2, 1976



Mr. Norman C. Moseley, Director
Office of Inspection and Enforcement
U.S. Nuclear Regulatory Commission
Region II - Suite 318
230 Peachtree Street, Northwest
Atlanta, Georgia 30303

Serial No. 304
PO&M/ALH:clw
Docket No. 50-281
License No. DPR-32

Dear Mr. Moseley:

Pursuant to Surry Power Station Technical Specification 6.6.B.2, the Virginia Electric and Power Company hereby submits a copy of Licensee Event Report USRE-S1-76-14.

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.

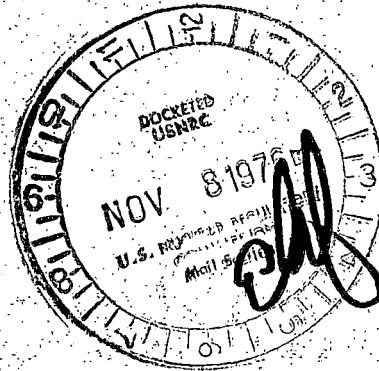
Very truly yours,

C. M. Stallings

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

Enclosure

cc: Mr. Robert W. Reid, Chief ✓
Operating Reactor Branch 4
(40 copies USRE-S1-76-14)



11362

LICENSEE EVENT REPORT

USRE-S1-76-14

CONTROL BLOCK:

[PLEASE PRINT ALL REQUIRED INFORMATION]

LICENSEE NAME														LICENSE NUMBER														LICENSE TYPE						EVENT TYPE							
01 V A S P S I														0 0 - 0 0 0 0 0 0 - 0 0														4 1 1 1 0						0 3							
7 8 9 14														15														25						26 30 31 32							
01 CONT														CATEGORY						REPORT TYPE		REPORT SOURCE		DOCKET NUMBER						EVENT DATE						REPORT DATE					
01														M I						L		L		0 5 0 - 0 2 8 0						1 0 0 5 7 6						1 0 2 9 7 6					
7 8														57 58						59		60		61 68						69 74						75 80					

EVENT DESCRIPTION

02 During the performance of PT-19.1 (Refueling Water Storage Tank Chemical Addition Tank
 03 Test), it was found that the refueling water chemical addition valve, MOV-CS-102B,
 04 would not operate electrically and tripped its supply breaker due to overload. This
 05 is reportable under Technical Specification 6.6.2.b.2. (USRE-S1-76-14)
 06

SYSTEM CODE			CAUSE CODE			COMPONENT CODE						PRIME COMPONENT SUPPLIER			COMPONENT MANUFACTURER						VIOLATION		
07 Z Z			E			V A L V O P						A			L 2 0 0						N		
7 8 9 10			11			12 17						43			44 47						48		

CAUSE DESCRIPTION

08 Refueling water chemical addition valve, MOV-CS-102A, provides a parallel flow path to
 09 assure chemical addition to the refueling water storage tank. This valve was proven
 10 operable immediately prior to the occurrence during the same performance test. (con't)

FACILITY STATUS			% POWER			OTHER STATUS						METHOD OF DISCOVERY			DISCOVERY DESCRIPTION					
11 E			1 0 0			N/A						B			Cycling Valve					
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 0			Z			N/A					
7 8 9 11			12			13 80					

PERSONNEL INJURIES

NUMBER			DESCRIPTION					
14 0 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 public were not affected by this event because a redundant
 19 valve would have opened to allow proper chemical addition had it been necessary.

NAME: Tyndall L. Baucom PHONE: (804) 357-3184

CAUSE DESCRIPTION (con't)

Motor operated valve MOV-CS-102B was immediately taken out of service for inspection and repair.

It was found that a sufficient quantity of moisture had accumulated in the valve operator to cause the corrosion of switch contacts and short the motor. The valve operator was replaced and the valve was tested and returned to service.

The probable cause of the event has been determined to be a poor seal between the valve operator cover and its flange. Most of the containment spray system's motor operated valves have similar valve operators; however, since this is the first known valve operator failure of this type, no further corrective action is deemed necessary at this time.

The valve operator was manufactured by Limatorque Corporation, Type SMB-000.