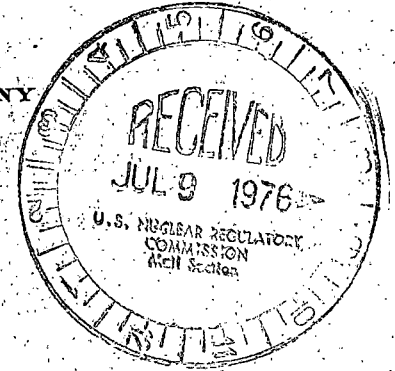


VIRGINIA ELECTRIC AND POWER COMPANY  
RICHMOND, VIRGINIA 23261

July 7, 1976



Mr. Norman C. Moseley, Director  
Office of Inspection and Enforcement  
U. S. Nuclear Regulatory Commission  
Region II - Suite 818  
230 Peachtree Street, Northwest  
Atlanta, Georgia 30303

Serial No. 119  
POM/ALH:jlf

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

Dear Mr. Moseley:

Pursuant to Surry Power Station Technical Specification 6.6.2, the Virginia Electric and Power Company hereby submits a copy of Reportable Occurrence No. USRE-S2-76-07.

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.

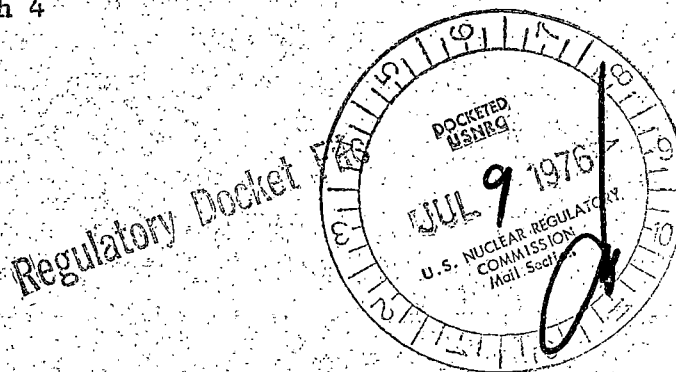
Very truly yours,

*G. M. Stallings*

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

Enclosure

cc: Mr. Robert W. Reid, Chief (40 copies) ✓  
Operating Reactors Branch 4



# LICENSEE EVENT REPORT

CONTROL BLOCK: 

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**[PLEASE PRINT ALL REQUIRED INFORMATION]**

LICENSEE NAME						LICENSE NUMBER						LICENSE TYPE				EVENT TYPE									
01	V	A	S	P	S	2	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																
CATEGORY		REPORT TYPE		REPORT SOURCE		DOCKET NUMBER						EVENT DATE				REPORT DATE									
01	CONT	M	I	L	L	0	5	0	-	0	2	8	1	0	6	0	7	7	6	0	7	0	2	7	6
7	8	57	58	59	60	61	68	69	74	75	80														

**EVENT DESCRIPTION**

02 | During the performance of Performance Test 19.1 (Refueling Water Storage Tank Chemical  
7 8 9 80  
03 | Addition Tank Test), it was found that the Refueling Water Chemical Addition Valve  
7 8 9 80  
04 | MOV-CS-202B would not open beyond the mid-position electrically. This is a violation  
7 8 9 80  
05 | of Technical Specification 3.4.A.5 and reportable under Technical Specification  
7 8 9 80  
06 | 6.6.2.b. (USRE-S2-76-07)  
7 8 9 80

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

**CAUSE DESCRIPTION**

08 | Manual operability of Refueling Water Chemical Addition Valve MOV-CS-202B was immedi-  
7 8 9 80  
09 | ately verified when it was found that it would not operate electrically. The redun-  
7 8 9 80  
10 | dantly installed Refueling Water Chemical Addition Valve, MOV-CS-202A provides a (CONT)  
7 8 9 80

FACILITY STATUS		% POWER			OTHER STATUS			METHOD OF DISCOVERY		DISCOVERY DESCRIPTION			
11	G	0	0	0	N/A	B	Cycling Valve IAW Performance Test						
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	N/A	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  
7 8 9 80

**LOSS OR DAMAGE TO FACILITY**

TYPE		DESCRIPTION		
16	Z	N/A		
7	8	9	10	80

**PUBLICITY**

17 | N/A  
7 8 9 80

**ADDITIONAL FACTORS**

18 | The health and safety of the public were not affected by this event because a redun-  
7 8 9 80  
19 | dant valve would have opened to allow proper chemical addition had it been necessary.  
7 8 9 80

NAME: T. L. Baucom

PHONE: (804) 357-3184

CAUSE DESCRIPTION (CONTINUED)

parallel flow path to assure chemical addition to the Refueling Water Storage Tank. This valve was proven electrically operable immediately prior to the occurrence during the same performance test.

It was found that an out of position return spring in the torque switch would not allow cam operated contacts to reclose once the switch was opened. The switch was replaced and the valve retested satisfactorily. Most of the containment spray system 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 operators were manufactured by Limitorque Corporation, Type SMB-000.