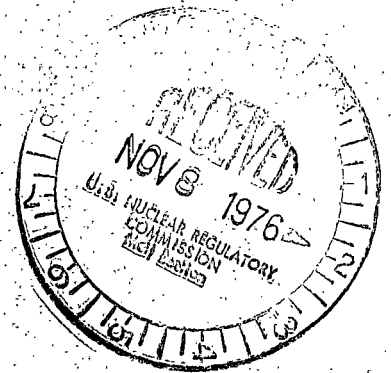


REGULATORY DOCKET

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.

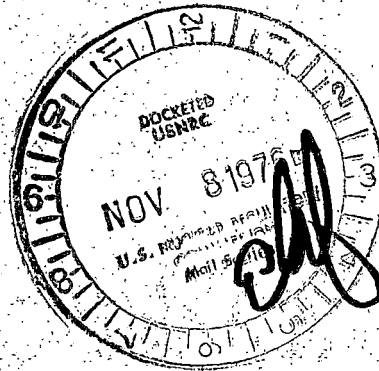
Very truly yours,

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:

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(PLEASE PRINT ALL REQUIRED INFORMATION)

LICENSEE NAME						LICENSE NUMBER						LICENSE TYPE				EVENT TYPE									
01	V	A	S	P	S	1	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	CON'T	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																							80
03	Test), it was found that the refueling water chemical addition valve, MOV-CS-102B,																							80
04	would not operate electrically and tripped its supply breaker due to overload. This																							80
05	is reportable under Technical Specification 6.6.2.b.2. (USRE-S1-76-14)																							80
06																								80

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																							80
09	assure chemical addition to the refueling water storage tank. This valve was proven																							80
10	operable immediately prior to the occurrence during the same performance test. (con't)																							80

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

PERSONNEL INJURIES

NUMBER		DESCRIPTION		
14	0	0	0	N/A
7	8	9	11	12

OFFSITE CONSEQUENCES

15	N/A																							80
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LOSS OR DAMAGE TO FACILITY

TYPE		DESCRIPTION	
16	Z	N/A	
7	8	9	10

PUBLICITY

17	N/A																							80
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ADDITIONAL FACTORS

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

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 Limitorque Corporation, Type SMB-000.