

(PLEASE PRINT ALL REQUIRED INFORMATION)

A horizontal number line with tick marks at every integer from 1 to 6. The numbers 1 and 6 are labeled at the ends of the line.

EVENT DESCRIPTION

02 During steady state normal operation, a low pressure alarm occurred on Safety Injection Accumulator "C". An immediate attempt was made to repressurize the affected accumulator, but instead an unexpected pressure reduction occurred which caused pressure to fall from 605 psig to 540 psig in approximately five minutes. The reduction of Safety Injection Accumulator "C" pressure to less than 600 psig is contrary to (Con't)

SYSTEM CODE		CAUSE CODE		COMPONENT CODE					COMPONENT SUPPLIER	COMPONENT MANUFACTURER				VIGATION		
0	7	S	F	V	A	L	V	E	X	N	C	6	3	5	Y	
7	8	9	10	11	12	13	14	15	16	17	43	44	45	46	47	48

## CAUSE DESCRIPTION

CAUSE DESCRIPTION		
08	Partially open HCV 1936 caused nitrogen to pass through safety injection line (1"-SI-	80
7 8 9		
09	105-152), pressurizer relief tank vent gas line (3/4"-VG-17-152) and HCV 1549 where a	80
7 8 9		
10	body to bonnet leak existed. Therefore any attempt to pressurize Safety Injection (Cont)	80
7 8 9		

FACILITY STATUS		% POWER	OTHER STATUS	METHOD OF DISCOVERY	DISCOVERY DESCRIPTION
11	E	100	N/A	A	Containment Entry
7	8	9	10	11	12

  

FORM OF ACTIVITY RELEASED		CONTENT OF RELEASE	AMOUNT OF ACTIVITY	LOCATION OF RELEASE
12	Z	Z	N/A	N/A
3	4	5	6	7

## PERSONNEL EXPOSURES

NUMBER				TYPE	DESCRIPTION	
1	3	0	0	0	Z	N/A

## PERSONNEL INJURIES

NUMBER				DESCRIPTION	
1	4	0	0	0	N/A

### OFFSITE CONSEQUENCES

1	5	N/A
7	8	9

## LOSS OR DAMAGE TO FACILITY

TYPE		DESCRIPTION
16	Z	N/A

7 8 9 10 8403080161 760927

17 N/A

### ADDITIONAL FACTORS

18 No conditions of Health and Safety to the general public were affected.

19 | \_\_\_\_\_ 80

NAME: T. L. Baucom

PHONE: (804) 357-3184

#### EVENT DESCRIPTION (CONTINUED)

Technical Specification 3.3.A.2 and is reportable per Technical Specification 6.6.2.b.(2).

A containment entry was made to determine the cause of the loss in pressure. It was discovered that HCV 1936 had failed about 50% open, and that HCV 1898 and 1549 had body to bonnet leaks. It is further noteworthy that HCV 1936 indicated shut during this event. A second containment entry was made to shut HCV 1936 and to tighten the body to bonnet bolts on HCV 1898 and 1549. At this point the time limit in Technical Specification 3.3.B.1 was exceeded and a power rampdown to hot shutdown was begun. Shortly thereafter, the repairs on HCV 1936, 1898 and 1549 were completed, the accumulator was repressurized and the plant was returned to power (USRE-S1-76-12).

#### CAUSE DESCRIPTION (CONTINUED)

Accumulator "C" caused nitrogen to exhaust to containment through the body to bonnet leak on HCV 1549. The body to bonnet leak previously mentioned on HCV 1898 contributed to overall nitrogen leakage. Maintenance reports have been submitted to repair HCV 1936, 1898 and 1549 at the next cold shutdown.

VIRGINIA ELECTRIC AND POWER COMPANY  
RICHMOND, VIRGINIA 23261

October 1, 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. 266  
PO&M/ALH:jlf

Docket No. 50-280  
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 No. USRE-S1-76-12.

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 (40 copies)  
Operating Reactors Branch 4

10019

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