

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

CONTROL BLOCK 1 6

(PLEASE PRINT ALL REQUIRED INFORMATION)

LICENSEE NAME: 01 V A S P S 1 14
LICENSE NUMBER: 00 - 000000 - 00 25
LICENSE TYPE: 41110 30
EVENT TYPE: 03 32

CATEGORY: 01 CONT 57
REPORT TYPE: M I 58
REPORT SOURCE: L L 59
DOCKET NUMBER: 050 - 0280 68
EVENT DATE: 090976 74
REPORT DATE: 092776 80

EVENT DESCRIPTION

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

SYST 1 COC: S F 10
CAUSE CODE: E 11
COMPONENT CODE: V A L V E X 17
PRIME COMPONENT SUPPLIER: N 43
COMPONENT MANUFACTURER: C 6 3 5 47
VIOLATION: Y 48

CAUSE DESCRIPTION

08 Partially open HCV 1936 caused nitrogen to pass through safety injection line (1"-SI-
09 105-152), pressurizer relief tank vent gas line (3/4"-VG-17-152) and HCV 1549 where a
10 body to bonnet leak existed. Therefore any attempt to pressurize Safety Injection (Con't)

FACILITY STATUS: E 9
% POWER: 100 12
OTHER STATUS: N/A 13
METHOD OF DISCOVERY: A 45
DISCOVERY DESCRIPTION: Containment Entry 46
FORM OF ACTIVITY RELEASED: Z 9
CONTENT OF RELEASE: Z 10
AMOUNT OF ACTIVITY: N/A 11
LOCATION OF RELEASE: N/A 45

PERSONNEL EXPOSURES

13 NUMBER: 000 11
TYPE: Z 12
DESCRIPTION: N/A 13

PERSONNEL INJURIES

14 NUMBER: 000 11
DESCRIPTION: N/A 12

OFFSITE CONSEQUENCES

15 N/A 11

LOSS OR DAMAGE TO FACILITY

16 TYPE: Z 10
DESCRIPTION: N/A 11

PUBLICITY

17 N/A 11

ADDITIONAL FACTORS

18 No conditions of Health and Safety to the general public were affected. 11

19 11

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.

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
Docket No. 50-280 Curry Unit 1
License No. DPR-32

LICENSEE EVENT REPORT NOS:

LER-280/76-13
76-14

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Don Lanham, ADM

cc With Enclosures

Region II Docket Files - 50-280

Region II Inspector with enclosures

A6	OFFICE →	IE: II					
	SURNAME →	TL Harrison					
	DATE →	11/17/76					