

VIRGINIA ELECTRIC AND POWER COMPANY
RICHMOND, VIRGINIA 23261

July 30, 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. 162
PO&M/ALH: jlf

Docket No. 50-280
License No. DPR-32

Dear Mr. Moseley:

Pursuant to Surry Power Station Technical Specification 6.6.2, the Virginia Electric and Power Company hereby submits a copy of Licensee Event Report No. USRE-S1-76-08.

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.

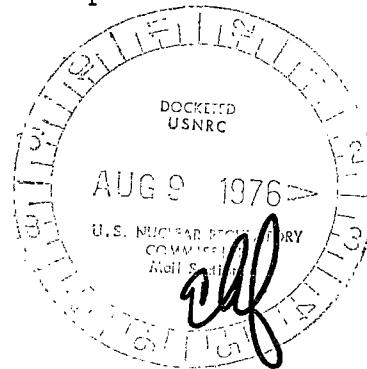
Very truly yours,

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



8036
~~7226~~

LICENSEE EVENT REPORT

USRE-S1-76-08

CONTROL BLOCK:

--	--	--	--	--	--

(PLEASE PRINT ALL REQUIRED INFORMATION)

LICENSEE NAME 01 V A S P S 1			LICENSE NUMBER 00-000000-00					LICENSE TYPE 41110			EVENT TYPE 03		
CATEGORY 01 CONT P O			REPORT TYPE L		REPORT SOURCE L		DOCKET NUMBER 050-0280			EVENT DATE 070276		REPORT DATE 072776	

EVENT DESCRIPTION

02 During normal operation a routine sample of "B" safety injection accumulator indicated
 03 1928 ppm boron, which is contrary to the Technical Specification 3.3.A.2 limit of 1950
 04 ppm. The accumulator was recirculated with the RWST to increase the boron concentra-
 05 tion above 1950 ppm. This event is reportable per Technical Specification 6.6.2.b(1)
 06 (USRE-S1-76-08).

SYSTEM CODE 07 P C		CAUSE CODE E		COMPONENT CODE V A L V E X			PRIME COMPONENT SUPPLIER A		COMPONENT MANUFACTURER 0020		VIOLATION Y	
-----------------------	--	-----------------	--	-------------------------------	--	--	-------------------------------	--	--------------------------------	--	----------------	--

CAUSE DESCRIPTION

08 Check valves 1-SI-128, and 1-SI-130 were found to be leaking by and diluting the
 09 accumulator boron concentration from the "B" primary loop. The sample frequency of the
 10 accumulator was increased to weekly. The dilution rate of the accumulator (continued)

FACILITY STATUS 11 E		% POWER 100		OTHER STATUS N/A		METHOD OF DISCOVERY B		DISCOVERY DESCRIPTION N/A			
-------------------------	--	----------------	--	---------------------	--	--------------------------	--	------------------------------	--	--	--

FORM OF ACTIVITY RELEASED 12 Z		CONTENT OF RELEASE Z		AMOUNT OF ACTIVITY N/A			LOCATION OF RELEASE N/A				
-----------------------------------	--	-------------------------	--	---------------------------	--	--	----------------------------	--	--	--	--

PERSONNEL EXPOSURES

NUMBER 13 000		TYPE Z		DESCRIPTION N/A			
------------------	--	-----------	--	--------------------	--	--	--

PERSONNEL INJURIES

NUMBER 14 000		DESCRIPTION N/A			
------------------	--	--------------------	--	--	--

OFFSITE CONSEQUENCES

15 N/A

LOSS OR DAMAGE TO FACILITY

TYPE 16 Z		DESCRIPTION N/A			
--------------	--	--------------------	--	--	--

PUBLICITY

17 N/A

ADDITIONAL FACTORS

18 The accumulator was isolated for a period less than four hours, therefore the unit
 19 did not require a power rampdown per Technical Specification 3.3.B.

NAME: T. L. Baucom

PHONE: (804) 357-3184

CAUSE DESCRIPTION (CONTINUED)

is monitored and the accumulator recirculated with the RWST when necessary. During the upcoming refueling outage the check valves will be repaired.

The total effect of this boric acid dilution would not have affected shutdown capability at this point in core life. A safety injection would have placed the plant in the cold shutdown condition despite the reduced boron concentration in the accumulator.

Since the safety injection system maintained its capabilities, the health and safety of the general public are not affected.

APR 23 11 11 AM '80
U.S. NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20545

USA FEA
REGULATORY OPERATIONS
DIVISION II
ATLANTA, GA.

JUL 33 11 11 AM '76