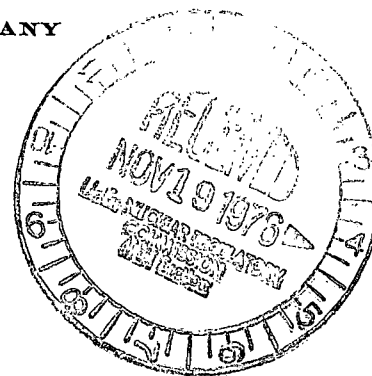


VIRGINIA ELECTRIC AND POWER COMPANY
RICHMOND, VIRGINIA 23261

November 5, 1976

Regulatory Docket File



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. 308
PO&M/ALH:clw

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

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-S2-76-15.

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.

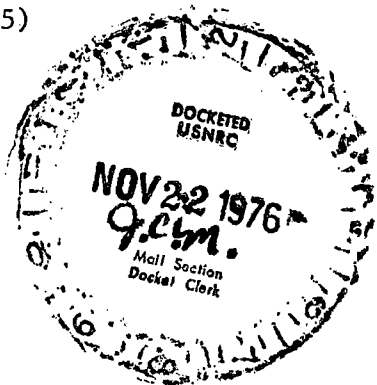
Very truly yours,

C. M. Stallings

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

Enclosure

cc: Mr. Robert W. Reid, Chief
Operating Reactors Branch 4
(40 copies USRE-S2-76-15)



11845

CENSEE EVENT REPORT

USRE-S2-76-15

Rec'd w/ ltr dtd
(PLEASE PRINT ALL REQUIRED INFORMATION)**Regulatory Docket File****11-5-76**

CONTROL BLOCK: _____

LICENSEE NAME			LICENSE NUMBER												LICENSE TYPE			EVENT TYPE							
01	V	A	S	P	S	2	0	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	1	0	0	6	7	6	1	1	0	3	7	6
7	8	57	58	59	60	61	68	69	74	75	80														

EVENT DESCRIPTION

02 With Unit No. 2 at cold shutdown, leakage of water was observed from "A" recirculation
 03 spray heat exchanger piping. Further visual inspection and dye penetrant examinations
 04 revealed indications of cracking in the heat affected zones of several welds. This
 05 event is reportable per Technical Specification 6.6.2.b(4). (USRE-S2-76-15)
 06

SYSTEM CODE		CAUSE CODE	COMPONENT CODE				PRIME COMPONENT SUPPLIER	COMPONENT MANUFACTURER			VIOLATION				
07	S	H	E	P	I	P	E	X	X	A	Z	9	9	9	N
7	8	9	10	11	12	17	43	44	47	48					

CAUSE DESCRIPTION

08 The apparent cause of failure was chloride stress corrosion in Type 304 stainless
 09 steel piping. Further investigation is being performed on Unit No. 1 and Unit No. 2,
 10 since both units utilize a similar arrangement for the recirculation spray system (cont)

FACILITY STATUS		% POWER			OTHER STATUS			METHOD OF DISCOVERY		DISCOVERY DESCRIPTION		
11	G	0	0	0	N/A	C	N/A					
7	8	9	10	12	13	44	45	46				

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			

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

LOSS OR DAMAGE TO FACILITY

TYPE		DESCRIPTION			
16	Z	N/A			
7	8	9	10		

PUBLICITY

17 N/A

ADDITIONAL FACTORS

18 The health and safety of the general public were not affected.
 19

NAME: Tyndall L. Baucom

PHONE: (804) 357-3184

CAUSE DESCRIPTION (con't)

pipng. The extent of affected piping, the degree of damage, and the necessary repairs have not been completely evaluated at this time, and will be the subject of a future update report. Repairs as necessary will be accomplished prior to placing the units back into service.

U.S. A.E. C.
REGULATORY OPERATIONS
REGION III
ATLANTA, GA.

Nov 8 10 12 AM '76