

VIRGINIA ELECTRIC AND POWER COMPANY

RICHMOND, VIRGINIA 23261

November 5, 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. 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.

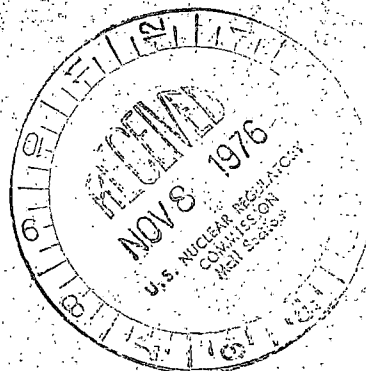
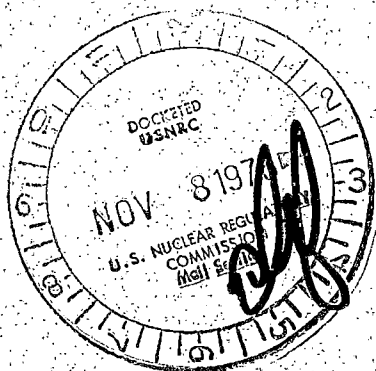
Very truly yours,

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)



LICENSEE EVENT REPORT

USRE-S2-76-15

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	2		0	0	-	0	0	0	0	0	-	0	0	4	1	1	1	0	0	3
7	8	9				14	15																		
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																			

EVENT DESCRIPTION

02	With Unit No. 2 at cold shutdown, leakage of water was observed from "A" recirculation																							80
03	spray heat exchanger piping. Further visual inspection and dye penetrant examinations																							80
04	revealed indications of cracking in the heat affected zones of several welds. This																							80
05	event is reportable per Technical Specification 6.6.2.b(4). (USRE-S2-76-15)																							80
06																								80

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																				

CAUSE DESCRIPTION

08	The apparent cause of failure was chloride stress corrosion in Type 304 stainless																							80
09	steel piping. Further investigation is being performed on Unit No. 1 and Unit No. 2,																							80
10	since both units utilize a similar arrangement for the recirculation spray system (cont)																							80

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

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 general public were not affected.																							80
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19																								80
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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.