

REGULATORY DOCUMENT COPY

VIRGINIA ELECTRIC AND POWER COMPANY
RICHMOND, VIRGINIA 23261



September 21, 1977

Mr. James P. O'Reilly, Director
Office of Inspection and Enforcement
U. S. Nuclear Regulatory Commission
Region II - Suite 818
230 Peachtree Street, Northwest
Atlanta, Georgia 30303

Serial No. 419
PO&M/TAP;dgt
Docket No. 50-281
License No. DPR-37

Dear Mr. O'Reilly:

Pursuant to Surry Power Station Technical Specification 6.6.2, the Virginia Electric and Power Company hereby submits a copy of Reportable Occurrence No. RO-S2-77-08.

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,

A handwritten signature in cursive script that reads "G. M. Stallings".

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

Enclosures

40 copies RO-S2-77-08

cc: Mr. Robert W. Reid, Chief
Operating Reactors Branch 4

772660152

LICENSEE EVENT REPORT

CONTROL BLOCK:

(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											25	26				30	31	32

01	CONT	CATEGORY		REPORT TYPE	REPORT SOURCE	DOCKET NUMBER					EVENT DATE				REPORT DATE										
01	CONT	P	O	L	O	0	5	0	-	0	2	8	1	0	8	2	5	7	7	0	9	1	8	7	7
7	8	57	58	59	60	61								68	69				74	75					80

EVENT DESCRIPTION

02 | During the period from initial start-up until Sept. 1975, the Chemical Analysis
 03 | procedure utilized to determine the percent by weight of sodium hydroxide in the
 04 | Chemical Addition Tank to the RWST was defective. This resulted in a violation of
 05 | Technical Specification 3.4.A.4 on March 19, 1975, when the concentration of sodium
 06 | hydroxide was recorded as 21 percent, but a recalculation indicates the (Cont'd.)

07	SYSTEM CODE		CAUSE CODE	COMPONENT CODE					PRIME COMPONENT SUPPLIER	COMPONENT MANUFACTURER			VIOLATION		
07	S	C	D	Z	Z	Z	Z	Z	Z	Z	Z	9	9	9	Y
7	8	9	10	11	12					17	43	44		47	48

CAUSE DESCRIPTION

08 | The Chemical Analysis procedure was supplied to VEPCO by Westinghouse as a part of
 09 | the Standard Information Package SIP 5-2. The procedure was utilized until
 10 | Sept. 1975 when an alternate method was approved by the Station for use. (Cont'd.)

11	FACILITY STATUS	% POWER	OTHER STATUS		METHOD OF DISCOVERY		DISCOVERY DESCRIPTION							
11	E	1	0	0	N/A	D	N/A							
7	8	9	10	12	13	44	45	46						80

12	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								80

PERSONNEL EXPOSURES

13	NUMBER	TYPE	DESCRIPTION		
13	0	0	0	N/A	
7	8	9	11	12	13

PERSONNEL INJURIES

14	NUMBER	DESCRIPTION		
14	0	0	0	N/A
7	8	9	11	12

OFFSITE CONSEQUENCES

15 | N/A

LOSS OR DAMAGE TO FACILITY

16	TYPE	DESCRIPTION	
16	Z	N/A	
7	8	9	10

PUBLICITY

17 | N/A

ADDITIONAL FACTORS

18 | No hazard to the safety or health of the general public existed.

19 |

NAME: T.L. Sullivan PHONE: (804) 357-3184

EVENT DESCRIPTION (CONTINUED)

concentration was 17.6 percent. (RO-S2-77- 08)

CAUSE DESCRIPTION (CONTINUED)

Westinghouse letter dated 8-25-77 indicated the original procedure was defective because the calculations were in terms of volume instead of mass or weight. Recalculating the concentration of sodium hydroxide in the samples taken prior to Sept. 1975 indicated one Technical Specification violation as previously noted.

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