

LICENSEE EVENT REPORT

A0-S1-75-23

CONTROL BLANK

[PLEASE PRINT ALL REQUIRED INFORMATION]

LICENSEE NAME														LICENSE NUMBER														LICENSE TYPE						EVENT TYPE			
01	V	A	S	P	S	1	0	0	-	0	0	0	0	0	-	0	0	4	1	1	1	0	0	1													
7	8	9	14	15	25	26	30	31	32																												
CATEGORY														REPORT TYPE		REPORT SOURCE		DOCKET NUMBER						EVENT DATE						REPORT DATE							
01	CON'T	P	0	T	L	0	5	0	-	0	2	8	0	1	1	2	9	7	5	1	2	0	9	7	5												
7	8	57	58	59	60	61	68	69	74	75	80																										

EVENT DESCRIPTION

02	An uncontrolled and unplanned release of low level radioactive material occurred in																																																																															
03	violation of Tech Spec 3.11. Unit No. 1 was in the early stages of post refueling																																																																															
04	start-up. Unit No. 2 was at 100 per cent power. Primary grade water tank, 1-PG-TK-1B																																																																															
05	was being filled. An operator on routine check of the area observed the tank over-																																																																															
06	flowing. The fill source was immediately isolated and the overflow stopped. (con't)																																																																															

SYSTEM CODE				CAUSE CODE		COMPONENT CODE						PRIME COMPONENT SUPPLIER		COMPONENT MANUFACTURER				VIOLATION	
07	W	C	A	X	X	X	X	X	X	X	A	N	1	5	0	Y			
7	8	9	10	11	12	13	14	15	16	17	43	44	45	46	47	48			

CAUSE DESCRIPTION

08	Primary grade water tank 1-PG-TK-1B overflowed due to operator error. A similar in-																																																																															
09	cident was reported in March 1975, A0-S1-75-07 refers. Administrative action has																																																																															
10	been initiated to ensure filling of specified tanks is ceased upon a high level (con't)																																																																															

FACILITY STATUS				% POWER				OTHER STATUS				METHOD OF DISCOVERY		DISCOVERY DESCRIPTION									
11	C	0	0	0	N/A	A	N/A																
7	8	9	10	11	12	13	44	45	46	80													
FORM OF ACTIVITY RELEASED				CONTENT OF RELEASE		AMOUNT OF ACTIVITY						LOCATION OF RELEASE											
12	L	P	.021	curies total	Tank overflowed to storm drains																		
7	8	9	10	11	12	13	44	45	46	80													

PERSONNEL EXPOSURES

NUMBER				TYPE		DESCRIPTION									
13	0	0	0	Z	N/A										
7	8	9	11	12	13	80									

PERSONNEL INJURIES

NUMBER				DESCRIPTION										
14	0	0	0	N/A										
7	8	9	11	12	80									

OFFSITE CONSEQUENCES

15	N/A																																																																															
7	8	9	80																																																																													

LOSS OR DAMAGE TO FACILITY

TYPE				DESCRIPTION																																																																												
16	Z	N/A																																																																														
7	8	9	10	80																																																																												

PUBLICITY

17	N/A																																																																															
7	8	9	80																																																																													

8403090352 751209
PDR ADOCK 05000280
S PDR

ADDITIONAL FACTORS

18	Due to the small amount of radioactivity released, no hazard to the safety or health																																																																															
7	8	9	80																																																																													
19	of the general public existed.																																																																															
7	8	9	80																																																																													

NAME: E. M. Sweeney, Jr.

PHONE: (804) 357-3184

EVENT DESCRIPTION (con't)

Approximately 1,000 gallons of PG water entered the yard area storm drains.

A sample of the water indicated concentrations of 4.75×10^{-4} $\mu\text{Ci/ml}$ Co^{58} ; 3.04×10^{-5} $\mu\text{Ci/ml}$ Mn^{54} ; 2.52×10^{-4} $\mu\text{Ci/ml}$ Co^{60} and 4.67×10^{-3} $\mu\text{Ci/ml}$ H^3 . This equates to .29 per cent of Tech Spec limits.

CAUSE DESCRIPTION (con't)

alarm. This will prevent overflowing those tanks which could result in an uncontrolled or unplanned release of radioactive materials from the site boundary.

J.E. Files

VIRGINIA ELECTRIC AND POWER COMPANY
RICHMOND, VIRGINIA 23261

December 11, 1975



Mr. Norman C. Moseley, Director
Office of Inspection and Enforcement
United States Nuclear Regulatory Commission
Region II - Suite 818
230 Peachtree Street, Northwest
Atlanta, Georgia 30303

Serial No. 802

PO&M/JTB:clw

Docket Nos. 50-280
License Nos. DPR-32

Dear Mr. Moseley:

Pursuant to Surry Power Station Technical Specification 6.6.B.1, the Virginia Electric and Power Company hereby submits forty (40) copies of Abnormal Occurrence Report No. AO-S1-75-25.

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

Enclosures

40 copies of AO-S1-75-25

cc: Mr. Robert W. Reid

Mr. Bryce P. Schofield, Director
Bureau of Industrial Hygiene
Commonwealth of Virginia

14009