

LICENSEE EVENT REPORT

AO-S1-75-27

CONTROL BLOCK

[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		EVENT NUMBER										EVENT DATE										REPORT DATE											
01	CONT	P	0	T	L	0	5	0	-	0	2	8	0	1	2	0	5	7	5	1	2	1	6	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																													
7	8	9																												80
03	violation of Tech Spec 3.11. Unit No. 1 was at hot shutdown. Unit No. 2 was at 100																													
7	8	9																												80
04	per cent power. Primary grade water tank, 1-PG-TK-1B, had been filled and was being																													
7	8	9																												80
05	lined up to recirculate the water. The operator opened the pump discharge to 1-PG-TK-																													
7	8	9																												80
06	1A and water was inadvertently pumped from tank 1B to 1A causing tank 1A to (con't)																													
7	8	9																												80

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-1A overflowed due to operator error. Administrative																													
7	8	9																												80
09	action has been taken to insure operators pay strict attention to and provide documen-																													
7	8	9																												80
10	tation for the filling of the primary grade water tanks. Two previous incidents (cont)																													
7	8	9																												80

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														

FORM OF ACTIVITY RELEASED				CONTENT OF RELEASE		AMOUNT OF ACTIVITY										LOCATION OF RELEASE									
12	L	P	.024	curies total	Tank overflowed to storm drains																				
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																													
7	8	9																												80

LOSS OR DAMAGE TO FACILITY

TYPE				DESCRIPTION									
16	Z	N/A											
7	8	9	10										

PUBLICITY

17	N/A																													
7	8	9																												80

8403090345 751216
PDR ADJCK 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)

overflow. Approximately 625 gallons of PG water spilled to the yard area and all the water is assumed to have entered the storm drains.

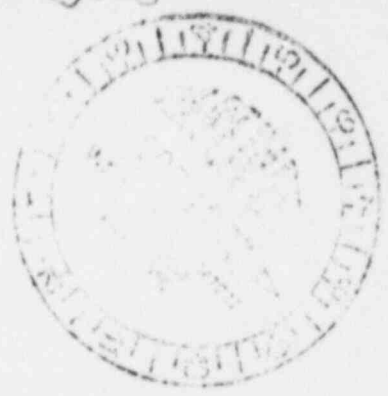
A water sample indicated concentrations of 9.99×10^{-3} $\mu\text{Ci/ml}$ H^3 ; 2.40×10^{-5} $\mu\text{Ci/ml}$ I^{131} and 1.43×10^{-5} $\mu\text{Ci/ml}$ Co^{58} . This equates to .44 per cent of Tech Spec limit. (AO-S1-75-27)

CAUSE DESCRIPTION (con't)

of overflowing occurred during the filling of the tanks and a.e not related to this incident.

VIRGINIA ELECTRIC AND POWER COMPANY
RICHMOND, VIRGINIA 23261

December 18, 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. 817
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-S1-75-27.

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-S1-75-27

cc: Mr. Robert W. Reid ✓

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

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14183