

USRE-S1-76-18

A horizontal number line with tick marks at every integer from 1 to 6. The numbers 1 and 6 are labeled at the ends of the line.

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	3	
7	8	9				14	15											26					30	31	32

01		CON'T		CATEGORY		REPORT TYPE		REPORT SOURCE		DOCKET NUMBER						EVENT DATE						REPORT DATE					
7	8	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80		
		P	0	L	L	0	5	0	-	0	2	8	0	1	1	0	3	7	6	1	1	2	9	7	6		

02 During refueling it was discovered that the manipulator crane area monitor was inoper-
7 8 9 80

03 able. The monitor had been proven operable prior to fuel movement, however, the daily
7 8 9 80

04 source check revealed that the monitor had subsequently failed. This event is con-
7 8 9 80

05 trary to Technical Specification 3.10-2.(4) and reportable per Technical Specification
7 8 9 80

06 6.6.2.b.(2). The manipulator crane area monitor was satisfactorily repaired (con't) 80
7 8 9 80

SYSTEM CODE		CAUSE CODE	COMPONENT CODE					COMPONENT SUPPLIER	COMPONENT MANUFACTURER				VIOLATION		
0	7	B A	E	I	N	S	T	R	U	N	V	1	1	5	Y
7	8	9	10	11	12				17	43	44				48

08 The failure of detector (RM-RMS-162) was due to the corrosion of the 12 volt and 22
7 8 9
03 volt power cables. The detector's alarm setpoint of <50 mrem hr automatically trips
7 8 9
10 the unit's purge supply and exhaust fans. Other monitors, such as the contain- (cont)
7 8 9

[illegible]

NUMBER				TYPE	DESCRIPTION
1	3	0	0	0	Z N/A
7	3	9	11	12	13

NUMBER				DESCRIPTION	
1	4	0	0	0	N/A

15	N/A
7 8 9	80

TYPE			DESCRIPTION
16	Z		N/A

17	N/A	PDR	ADUCK	0500000000	PDR
7	8	9			

18 Since adequate backup radiation monitors were available to trip the purge and exhaust
7 8 9 80

19 fans, the health and safety of the general public were not affected.
7 8 9 80

PHONE: (804) 357-3184

EVENT DESCRIPTION (con't)

and placed back in service November 15, 1976, prior to the recommencement of fuel movement. (USRE-S1-76-18)

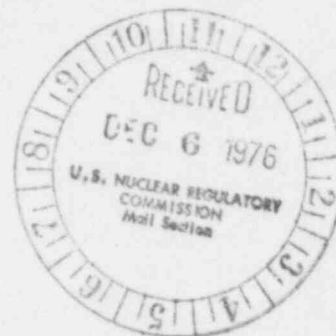
CAUSE DESCRIPTION (con't)

ment particulate monitor (RM-RMS-159) and gas monitor (RM-RMS-160), that trip the unit's purge supply and exhaust fans were operable thereby insuring that the containment purge isolation system would have performed its intended function in the event of high containment radiation. Failures of this type are random, since sufficient insulation is provided to the 12 volt and 22 volt cables, and not of a generic nature. Therefore, no further long term corrective action is anticipated.

VIRGINIA ELECTRIC AND POWER COMPANY

* RICHMOND, VIRGINIA 23261

December 2, 1976



IE FILE COPY

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. 349
PO&M/ALH:clw

Docket No. 50-280
License No. DPR-32

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-S1-76-18.

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-S1-76-18)

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