

# LICENSEE EVENT REPORT

USRE-S2-76-14

CONTROL BLOCK:

1	2	3	4	5	6
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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											25	26			30	31	32		
CATEGORY		REPORT TYPE		REPORT SOURCE		DOCKET NUMBER										EVENT DATE				REPORT DATE					
01	CON'T	M	I	L	L	0	5	0	-	0	2	8	1	1	0	1	3	7	6	1	0	2	9	7	6
7	8	57	58	59	60	61														69	74	75		80	

## EVENT DESCRIPTION

02	While performing monthly periodic test 2.5 it was discovered that dual comparator (LC-																						
03	2-485B), of Unit No. 2 steam generator "B" narrow range level protection channel II,																						
04	would not de-energize for a low level trip or level alarm. The comparator was replaced																						
05	and PT-2.5 was satisfactorily completed. This event is reportable per Technical																						
06	Specification 6.6.2.b(2). (USRE-S2-76-14)																						

SYSTEM CODE		CAUSE CODE		COMPONENT CODE				PRIME COMPONENT SUPPLIER		COMPONENT MANUFACTURER				VIOLATION	
07	I	E	E	I	N	S	T	R	U	N	W	1	2	0	N
7	8	9	10	11	12				17	43	44			47	48

## CAUSE DESCRIPTION

08	The failure of comparator (LC-2-485B) was due to an open capacitor. The comparator																						
09	supplies one input to the steam generator low level coincident with feedwater-steam																						
10	flow mismatch reactor trip circuit. The other channels of the mismatch circuit (con't)																						

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

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

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

## PERSONNEL INJURIES

NUMBER		DESCRIPTION	
14	0	0	0
7	8	9	12

## OFFSITE CONSEQUENCES

15	N/A																							
7	8	9																						

## LOSS OR DAMAGE TO FACILITY

TYPE		DESCRIPTION	
16	Z	N/A	
7	8	9	10

## PUBLICITY

17	N/A																							
7	8	9																						

8403090136 761029  
PDR ADOCK 05000281  
S PDR

## ADDITIONAL FACTORS

18	Since the steam generator low level, feedwater mismatch circuit had operable backup																						
19	protection channels, the health and safety of the general public were not affected.																						

NAME: Tyndall L. Baucom

PHONE: (804) 357-3184

CAUSE DESCRIPTION (con't)

were proven operable, via Periodic Test 2.5, and thereby insured that the circuit would have performed its intended function had it been necessary. Failure of this type are random and not considered to be of a generic nature. Therefore, no long term corrective action is anticipated.

VIRGINIA ELECTRIC AND POWER COMPANY  
RICHMOND, VIRGINIA 23261

IE FILE COPY

November 2, 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. 303  
POGM/ALH:clw

Docket No. 50-281  
License No. DPk-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-S2-76-14.

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 Reactor Branch 4  
(40 copies USRE-S2-76-14)

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