

# LICENSEE EVENT REPORT

CONTROL BLOCK

(PLEASE PRINT ALL REQUIRED INFORMATION)

LICENSEE NAME: V A S P S 14  
 LICENSE NUMBER: 00-000000-00 25  
 LICENSE TYPE: 41110 30  
 EVENT TYPE: 03 32

REPORT TYPE: CONT 7  
 CATEGORY: M I 57  
 REPORT SOURCE: L 59  
 DOCKET NUMBER: 050-0281 68  
 EVENT DATE: 062676 74  
 REPORT DATE: 071976 80

## EVENT DESCRIPTION

02 During a normal operating shift it was found that the Nuclear Instrumentation System 80  
03 (NIS) Power Range Channel N42 deviated from channels N41, N43, and N44 by 3% in the non- 80  
04 conservative direction. This caused the channel to be low by 3%, thereby requiring a 80  
05 flux of 110% to cause a trip on this channel. This is contrary to Technical Specifica- 80  
06 tion 2.3 which requires a setpoint of 109% and is reportable per T.S.6.6.2b(2). 80  
 (USRE-S2-76-11)

SYSTEM CODE: Z Z 7  
 CAUSE CODE: F 11  
 COMPONENT CODE: I N S T R U 17  
 PRIME COMPONENT SUPPLIER: A 43  
 COMPONENT MANUFACTURER: W 1 2 0 47  
 VIOLATION: N 48

## CAUSE DESCRIPTION

08 The immediate corrective action taken was to place Channel N42 in the trip mode. The 80  
09 unit continued to operate on the remaining three power range channels. The accuracy 80  
10 of these channels had been checked against a heat balance at the beginning of the shift. 80  
 (Con't)

FACILITY STATUS: E 9  
 % POWER: 100 12  
 OTHER STATUS: N/A 13  
 METHOD OF DISCOVERY: B 44  
 DISCOVERY DESCRIPTION: N/A 46

FORM OF ACTIVITY RELEASED: Z 9  
 CONTENT OF RELEASE: Z 10  
 AMOUNT OF ACTIVITY: N/A 44  
 LOCATION OF RELEASE: N/A 46

## PERSONNEL EXPOSURES

NUMBER: 000 11  
 TYPE: Z 12  
 DESCRIPTION: N/A 13

## PERSONNEL INJURIES

NUMBER: 000 11  
 DESCRIPTION: N/A 12

## OFFSITE CONSEQUENCES

15 N/A 80

## LOSS OR DAMAGE TO FACILITY

TYPE: Z 7  
 DESCRIPTION: N/A 10

## PUBLICITY

17 N/A 80

8403090165 760719  
 PDR ADDCK 05000281  
 S PDR

## ADDITIONAL FACTORS

18 The health and safety of the public were not affected by this event because the three 80

19 remaining power range channels were operable, accurate and provided the required (Con't) 80

NAME: T. L. Baucom

PHONE: (804) 357-3184

CAUSE DESCRIPTION (CONTINUED)

The output of the level and summing amplifier of channel N42 was found to have drifted low by a proportional voltage. The channel was calibrated according to procedure and placed back on the line. It has since operated satisfactorily.

Since this is the first known failure of this particular circuit, no further action is deemed necessary at this time.

The NIS System is provided by Westinghouse.

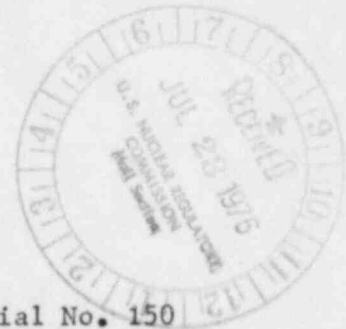
ADDITIONAL FACTORS (CONTINUED)

degree of redundance necessary to operate the unit.

VIRGINIA ELECTRIC AND POWER COMPANY  
RICHMOND, VIRGINIA 23261

IE FILE COPY

July 21, 1976



Mr. Norman C. Moseley, Director  
Directorate of Regulatory Operations  
United States Atomic Energy Commission  
Region II - Suite 818  
230 Peachtree Street, Northwest  
Atlanta, Georgia 30303

Serial No. 150  
PO&M/LJC:jlf

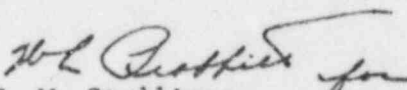
Docket No. 50-281  
License No. DPR-37

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 No. USRE-S2-76-11.

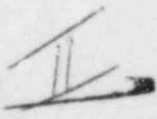
The substance of this report has been reviewed by the Station Nuclear Safety and Operating Committee and will be placed on the agenda for the next meeting of the System Nuclear Safety and Operating Committee.

Very truly yours,

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

Enclosure

cc: Mr. Robert W. Reid, Chief (40 copies)  
Operating Reactors Branch 4

COPY SENT REGION 

7398