

LICENSEE EVENT REPORT

CONTROL BLOCK: 1 (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

01 V A S P S 1 2 0 0 - 0 0 0 0 0 - 0 0 3 4 1 1 1 1 4 5

CONT
01 REPORT SOURCE L 6 0 5 0 0 0 2 8 0 7 0 3 1 0 8 3 8 0 4 0 8 8 3 9

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES 10

02 With the unit at Refueling Shutdown, PT 21, revealed that both undervoltage Relay

03 Setpoints for "A" bus and the phase A-B UV Relay setpoint for "C" bus were less

04 than the requirements of T.S.2.3.A.2.h and 3.7 table 3.7-4.6.b. This is reportable

05 pursuant to T.S.6.6.2.b.(1). During this event, the low flow trips for the reactor

06 coolant system and the Low Low steam generator level automatic start for the Aux.

07 FW pumps remained operable, therefore, the health and safety of the public were not

08 affected.

09 SYSTEM CODE 1 3 11 CAUSE CODE E 12 CAUSE SUBCODE X 13 COMPONENT CODE R E L A Y X 14 COMP. SUBCODE X 15 VALVE SUBCODE Z 16

17 LER/RD REPORT NUMBER 8 3 21 22 0 1 6 24 26 0 3 28 29 I 30 31 0 2 32

ACTION TAKEN E 18 33 FUTURE ACTION G 19 34 EFFECT ON PLANT Z 20 35 SHUTDOWN METHOD Z 21 36 HOURS 0 0 22 37 ATTACHMENT SUBMITTED Y 23 40 NPRO-4 FORM SUB. N 24 42 PRIME COMP. SUPPLIER W 25 43 COMPONENT MANUFACTURER W 1 2 0 26 47

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS 27

10 The cause of the event is instrument drift. The undervoltage relays were reset to

11 the T.S. limit.

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15 FACILITY STATUS H 28 3 10 0 0 0 29 12 13 OTHER STATUS N/A 30 44 METHOD OF DISCOVERY B 31 45 Periodic Test 32 46

16 ACTIVITY CONTENT Z 33 3 10 0 0 0 34 11 12 AMOUNT OF ACTIVITY N/A 35 44 LOCATION OF RELEASE N/A 36 45

17 PERSONNEL EXPOSURES NUMBER 0 0 0 37 11 12 TYPE Z 38 13 DESCRIPTION N/A 39 44

18 PERSONNEL INJURIES NUMBER 0 0 0 40 11 12 DESCRIPTION N/A 41 44

19 LOSS OF OR DAMAGE TO FACILITY TYPE Z 42 10 11 DESCRIPTION N/A 43 44 8304190531 830408 PDR ADOCK 05000280 S PDR

20 PUBLICITY ISSUED N 44 10 11 DESCRIPTION N/A 45 44

NAME OF PREPARED J. L. Wilson

PHONE: (804) 357-3184

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ATTACHMENT 1
SURRY POWER STATION, UNIT NO. 1
DOCKET NO: 50-280
REPORT NO: 83-016/03L-0
EVENT DATE: 03-10-83

TITLE OF THE EVENT: UNDERVOLTAGE RELAY DRIFT

1. Description of the Event

With Unit one at refueling shutdown, Periodic Test 21, 4KV voltage and frequency, revealed that both undervoltage relay setpoints for "A" bus and the phase A-B undervoltage relay setpoint for "C" bus were less than the requirements of technical specification 2.3.A.2.h and 3.7 table 3.7-4.6.b.

This is reportable pursuant to technical specification 6.6.2.b.(1).

2. Probable Consequences and Status of Redundant Equipment

In the event of a loss of power to one or more of the 4KV bus, these undervoltage relays, anticipating a loss of reactor coolant flow and a loss of feedwater to the steam generators, provide a reactor trip and an automatic start of the auxiliary feedwater pumps.

During this event, the low flow trips for the reactor coolant system and the low low steam generator level automatic start, for the auxiliary feedwater pumps remained operable, therefore the health and safety of the public were not affected.

3. Cause

The cause of this event is instrument drift. The PT minimum AS LEFT setting is the Technical Specification Limit and therefore does not allow for instrument drift.

4. Immediate Corrective Action

The undervoltage relays were reset to the technical spec. limit.

5. Subsequent Corrective Action

None.

6. Action Taken to Prevent Recurrence

The Periodic Test acceptance criteria for the NGV U/V Relay drop out voltage will be revised to allow for instrument drift.

7. Generic Implications

None.