

LICENSEE EVENT REPORT

CONTROL BLOCK:

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

01 V A S P S 1 2 0 0 - 0 0 0 0 0 0 - 0 0 3 4 1 1 1 1 4 5
7 8 9 14 15 25 26 30 57 CAT 58

CONT

01 REPORT SOURCE L 6 0 5 0 0 0 2 8 0 7 1 0 1 1 7 8 8 1 1 0 6 7 8 9
7 8 60 61 DOCKET NUMBER 68 69 EVENT DATE 74 75 REPORT DATE 80

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

02 During normal operation, Channel I Pressurizer Level (Protection), L-I-459, drifted
03 high. The required degree of redundancy for Safety Injection system was not
04 maintained and this is contrary to Technical Specifications 3.7 and is reportable
05 as per Technical Specifications 6.6.2.b.(1).

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09 SYSTEM CODE CAUSE CODE CAUSE SUBCODE COMPONENT CODE COMP. SUBCODE VALVE SUBCODE
I B 11 E 12 C 13 I N S T R U 14 X 15 Z 16
9 10 11 12 13 18 19 20

17 LER/RO REPORT NUMBER EVENT YEAR 7 8 21 22
0 3 1 24 26
0 3 28 29
L 30
0 32
E 18 Z 19 33 34
Z 20 35
Z 21 36
0 0 0 37 40
Y 23 41
N 24 42
N 25 43
I 2 0 4 26 44 47

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

10 This event was caused by drift of the electronic zero adjustment in conjunction with
11 leakage through the transmitter's bypass/equalizing valve. The valve was tightened,
12 the transmitter rezeroed and the channel returned to service.

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14

15 FACILITY STATUS % POWER OTHER STATUS 30 METHOD OF DISCOVERY DISCOVERY DESCRIPTION 32
E 28 1 0 0 29 NA A 31 NA
7 8 9 10 12 13 44 45 46 80

16 ACTIVITY CONTENT RELEASED OF RELEASE AMOUNT OF ACTIVITY 35 LOCATION OF RELEASE 36
Z 33 Z 34 NA
7 8 9 10 11 44 45 80

17 PERSONNEL EXPOSURES NUMBER TYPE DESCRIPTION 39
0 0 0 37 Z 38 NA
7 8 9 10 11 12 13 80

18 PERSONNEL INJURIES NUMBER DESCRIPTION 41
0 0 0 40 NA
7 8 9 10 11 12 80

19 LOSS OF OR DAMAGE TO FACILITY TYPE DESCRIPTION 43
N 42 NA
7 8 9 10 80

20 PUBLICITY ISSUED DESCRIPTION 45
0 44
7 8 9 10 80

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Surry Power Station, Unit 1
Docket No: 50-280
Report No: 78-031/03L-0
Event Date: 10-11-78

Title of Report: Drift in Pressurizer Level Channel

1. Description of Event:

During normal operation, Channel I of the Pressurizer Level (Protection) instrumentation, L-1-459, drifted high. This resulted in the inability of this channel to supply a reliable signal of low pressurizer level to the Safety Injection logics. The required degree of redundancy was not maintained and this is contrary to Technical Specifications 3.7.B and is reportable per Technical Specification 6.6.2.b.(1).

2. Probable Consequences and Status of Redundant Systems:

Channel I Pressurizer level was put in the trip mode. All other pressurizer level instrumentation remained operable. Because the required immediate corrective action was taken and the degree of redundancy regained, the health and safety of the general public were not affected.

3. Cause:

The event was caused by drift of the electronic zero adjustment in conjunction with leakage through the transmitter's bypass/equalizing valve.

4. Immediate Corrective Action:

Immediate corrective action taken was to place Channel I Pressurizer Level into the trip mode. This provided the required degree of redundancy in the pressurizer level instrumentation.

5. Subsequent Corrective Action:

Subsequently, the zero adjust input voltage was checked and found to be high. Further inspection revealed a leak in the bypass equalizing valve. The valve was tightened and the transmitter was rezeroed. The channel was monitored to verify that the transmitter was not drifting. The channel was then returned to service.

6. Action Taken to Prevent Recurrence:

No further corrective action will be required. This event is considered a random event.

7. Generic Implications:

None. It is considered a random event.