

LICENSEE EVENT REPORT

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

01 | V | A | S | P | S | 2 | 0 | 0 | - | 0 | 0 | 0 | 0 | 0 | - | 0 | 0 | 3 | 4 | 1 | 1 | 1 | 1 | 4 | \_\_\_\_\_ | 5  
8 9 LICENSEE CODE 14 15 LICENSE NUMBER 25 26 LICENSE TYPE 30 31 CAT 58

01 | L | 0 | 5 | 0 | 0 | 0 | 2 | 8 | 1 | 7 | 0 | 9 | 1 | 5 | 8 | 2 | 8 | 1 | 0 | 0 | 8 | 8 | 2 | 9  
60 61 DOCKET NUMBER 66 69 EVENT DATE 74 75 REPORT DATE 80

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

012 | With the unit at full power, "C" safety injection accumulator was found to  
013 | have a boron concentration of 1924 ppm. This is below the 1950 ppm required by  
014 | Tech. Spec. This event is contrary to T.S. 3.3.A.2 and reportable per T.S.  
015 | 6.6.2.b.(2). The redundant accumulators were within specification and the "C"  
016 | accumulator returned to within specifications within 4 hours required by Tech.  
017 | Spec., therefore the health and safety of the public were not affected.

09 | S | F | 11 | E | 12 | B | 13 | V | A | L | V | E | X | 14 | C | 15 | A | 16  
9 10 11 12 13 14 15 16 17 18 19 20  
17 | 8 | 2 | 21 | 0 | 5 | 8 | 24 | 0 | 3 | 28 | L | 30 | 0 | 32  
21 22 23 24 25 26 27 28 29 30 31 32  
18 | D | 19 | Z | 20 | Z | 21 | 0 | 0 | 0 | 0 | 37 | Y | 23 | N | 24 | N | 25 | R | 3 | 4 | 4 | 26  
33 34 35 36 37 38 39 40 41 42 43 44 45 46 47

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

110 | The cause of the reduced concentration was leakage through check valve 2-SI-144  
111 | during a sensitized pipe flush. The flush was stopped and the flush paths isolated  
112 | The concentration was brought within specifications. The check valve will be  
113 | reworked during the next major outage.

15 | E | 28 | 1 | 0 | 0 | 29 | N/A | 30 | B | 31 | Sampling | 32  
7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32

16 | Z | 33 | Z | 34 | N/A | 35 | N/A | 36  
7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32

17 | 0 | 0 | 0 | 37 | Z | 38 | N/A | 39  
7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32

18 | 0 | 0 | 0 | 40 | N/A | 41  
7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32

19 | Z | 42 | N/A | 43  
7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32

20 | N | 44 | N/A | 45  
7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32

8210220408 821008  
PDR ADOCK 05000280  
S PDR

NRC USE ONLY

NAME OF PREPARER J. L. Wilson

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92-1-16-0-1

ATTACHMENT 1  
SURRY POWER STATION, UNIT NO. 2  
DOCKET NO: 50-281  
REPORT NO: 82-058/03L-0  
EVENT DATE: 09-15-82

TITLE OF THE EVENT: Low Boron Concentration

1. DESCRIPTION OF THE EVENT:

With the unit at full power, it was discovered during a sensitized pipe flush that the "C" safety injection accumulator had a boron concentration of 1924 ppm. This is below the 1950 ppm concentration required by Tech. Spec. This event is contrary to T.S. 3.3.A.2 and is reportable per T.S. 6.6.2.b(2).

2. PROBABLE CONSEQUENCES and STATUS of REDUNDANT EQUIPMENT:

The redundant safety injection accumulators were above the minimum Tech. Spec. concentration. The "C" accumulator was returned to within specifications within the four hour Tech. Spec. limitation, therefore the health and safety of the public were not affected.

3. CAUSE:

It is suspected that check valve 2-SI-144 leaked primary coolant at a lower Boron Concentration into the "C" accumulator during the sensitized pipe flush.

4. IMMEDIATE CORRECTIVE ACTION:

The pipe flush was stopped and the sensitized flush flow path isolated.

5. SUBSEQUENT CORRECTIVE ACTION:

The accumulator was brought to within the Tech. Spec. limits by recirculating it with the RWST.

6. ACTION TAKEN TO PREVENT RECURRENCE:

The check valve will be repaired during the next outage of sufficient duration.

7. GENERIC IMPLICATIONS:

See LER-81-006/03L-0 for a similar event.