

LICENSEE EVENT REPORT

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

01 | V | A | S | P | S | I | 0 | 0 | - | 0 | 0 | 0 | 0 | 0 | - | 0 | 0 | 4 | 1 | 1 | 1 | 1 | 4 | 5  
9 LICENSEE CODE 14 15 LICENSE NUMBER 25 26 LICENSE TYPE JO 27 CAT 56

CONT  
01 | L | 6 | 0 | 1 | 5 | 0 | 0 | 0 | 2 | 8 | 0 | 7 | 1 | 2 | 0 | 9 | 8 | 2 | 8 | 0 | 1 | 0 | 7 | 8 | 3 | 9  
8 REPORT SOURCE 60 61 DOCKET NUMBER 66 69 EVENT DATE 74 75 REPORT DATE 80

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

02 | The unit was at full power on 12-9-82 when radiation recorder RR-175 was observed  
03 | to be inoperable while effluent releases were in progress. This is contrary to  
04 | T.S.-3.11.B.4 and is reportable per T.S.-6.6.2.b(4). All releases in progress were  
05 | terminated immediately. The associated radiation monitors, including the alarms  
06 | and automatic actuating functions were operable. Therefore, the health and safety  
07 | of the public were not affected.

09 | SYSTEM CODE: M | C | 11 | CAUSE CODE: E | 12 | CAUSE SUBCODE: B | 13 | COMPONENT CODE: I | N | S | T | R | U | 14 | COMP. SUBCODE: Z | 15 | VALVE SUBCODE: Z | 16 |  
17 | LER/RO REPORT NUMBER: 8 | 2 | 21 | SEQUENTIAL REPORT NO.: 1 | 2 | 3 | 24 | OCCURRENCE CODE: 0 | 3 | 28 | REPORT TYPE: L | 30 | REVISION NO.: 0 | 22 |  
ACTION TAKEN: B | 18 | FUTURE ACTION: Z | 19 | EFFECT ON PLANT: Z | 20 | SHUTDOWN METHOD: Z | 21 | HOURS: 0 | 0 | 0 | 0 | 0 | 37 | ATTACHMENT SUBMITTED: Y | 23 | NRC-4 FORM SUB.: N | 24 | PRIME COMP. SUPPLIER: A | 25 | COMPONENT MANUFACTURER: H | 2 | 6 | 0 | 25

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

10 | The recorder was designated inoperable when the drive cable slipped off the pulley.  
11 | No reason for this slippage could be found. The drive cable was placed back on the  
12 | pulley and the recorder returned to service.

15 | FACILITY STATUS: E | 28 | % POWER: 1 | 0 | 0 | 29 | OTHER STATUS: N/A | 30 | METHOD OF DISCOVERY: A | 31 | DISCOVERY DESCRIPTION: Operator's Observation | 32 |  
16 | ACTIVITY CONTENT RELEASED OF RELEASE: Z | 33 | Z | 34 | AMOUNT OF ACTIVITY: N/A | 35 | LOCATION OF RELEASE: N/A | 36 |  
17 | PERSONNEL EXPOSURES NUMBER: 0 | 0 | 0 | 37 | TYPE: Z | 38 | DESCRIPTION: N/A | 39 |  
18 | PERSONNEL INJURIES NUMBER: 0 | 0 | 0 | 40 | DESCRIPTION: N/A | 41 |  
19 | LOSS OF OR DAMAGE TO FACILITY TYPE: Z | 42 | DESCRIPTION: N/A | 43 |  
20 | PUBLICITY ISSUED DESCRIPTION: N | 44 | DESCRIPTION: N/A | 45 |

8301170526 830107  
PDR ADOCK 05000280  
S PDR

NAME OF OPERATOR: J. L. Wilson

PHONE: (804) 357-3184

NRC USE ONLY

ATTACHMENT 1  
SURRY POWER STATION, UNIT NO. 1  
DOCKET NO: 50-280  
REPORT NO: 82-123/03L-0  
EVENT DATE: 12-09-82

TITLE OF THE EVENT: RADIATION RECORDER FAILED

1. Description of the Event

The unit was at full power on 12-9-82 and 12-29-82 when radiation recorder RR-175 was observed to be inoperable with effluent releases in progress. This is contrary to T.S.-3.11.B.4 and is reportable per T.S. 6.6.2.b(4).

2. Probable Consequences and Status of Redundant Equipment

The radiation monitor recorder (RR-175) serves to record, for permanent record, the gross activity of liquids and gases being released. The recorder, in itself, does not mitigate the consequences of any system malfunction. The associated radiation monitors, including the alarm and automatic actuating functions, remained operable. The discharge tunnel radiation monitor and its recorder remained operable, therefore, the health and safety of the public were not affected.

3. Cause

The recorder became inoperable when the printer's drive cable jumped off the pulley. The reason the cable jumped the pulley could not be determined.

4. Immediate Corrective Action

The immediate corrective action was to terminate all releases that were in progress.

5. Subsequent Corrective Action

The subsequent corrective action was to slip the cable back onto the pulley. The cable tension, pulley alignment, and general recorder performance was checked and found satisfactory.

6. Action Taken to Prevent Recurrence

These recorders are scheduled for replacement during this calendar year.

7. Generic Implications

For a similar event, see Unit 1 LER-82-113/03L-0