

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 | 3 | 4 | 1 | 1 | 1 | 1 | 4 | 5

6 9 LICENSEE CODE 14 15 LICENSE NUMBER 25 26 LICENSE TYPE 30 31 CAT 38 58

CONT

01 | R | L | 6 | 0 | 5 | 0 | 0 | 0 | 2 | 8 | 0 | 7 | 0 | 2 | 0 | 4 | 8 | 3 | 8 | 0 | 3 | 0 | 4 | 8 | 3 | 9

6 50 REPORT SOURCE 51 DOCKET NUMBER 68 69 EVENT DATE 74 75 REPORT DATE 80

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

012 | With the unit at 85% power, PT-2.26 revealed that MOV-1535 and MOV-1536 would not

013 | fully cycle. This is contrary to T.S.-3.1.A.6.c and is reportable per T.S.-6.6.2.b(2).

014 | The valves were verified closed and deenergized as required by Technical

015 | Specifications, therefore the health and safety of the public were unaffected.

016 | _____

017 | _____

018 | _____

019 | SYSTEM CODE CAUSE CODE CAUSE SUBCODE COMPONENT CODE COMP. SUBCODE VALVE SUBCODE

9 10 11 12 13 14 15 16

C J X X V A L V E X E D

17 LER/RO REPORT NUMBER 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32

8 3 0 0 9 0 3 L 0

33 ACTION TAKEN 34 FUTURE ACTION 35 EFFECT ON PLANT 36 SHUTDOWN METHOD 37 HOURS 38 ATTACHMENT SUBMITTED 39 NRC-4 FORM SUR. 40 PRIME COMP. SUPPLIER 41 COMPONENT MANUFACTURER

X X Z Z 0 0 0 0 Y Y A V 0 8 5

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

110 | An exact cause could not be determined. The valves will be inspected during the

111 | current outage. Also, the valve operator for MOV-1536 was previously scheduled to be

112 | replaced.

113 | _____

114 | _____

115 | FACILITY STATUS % POWER OTHER STATUS METHOD OF DISCOVERY DISCOVERY DESCRIPTION

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 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

E 0 8 5 N/A B Periodic Test

116 | ACTIVITY CONTENT RELEASED OF RELEASE AMOUNT OF ACTIVITY LOCATION OF RELEASE

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 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

Z Z N/A N/A

117 | PERSONNEL EXPOSURES NUMBER TYPE DESCRIPTION

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 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

0 0 0 N/A

118 | PERSONNEL INJURIES NUMBER DESCRIPTION

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 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

0 0 0 N/A

119 | LOSS OF OR DAMAGE TO FACILITY TYPE DESCRIPTION

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 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

Z 8303150184 830304 PDR ADDCK 05000280 PDR

120 | PUBLICITY ISSUED DESCRIPTION

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 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

N N/A

NAME OF PREPARED J. L. Wilson

PHONE (804) 357-3184

ATTACHMENT 1
SURRY POWER STATION, UNIT NO. 1
DOCKET NO: 50-280
REPORT NO: 83-009/03L-0
EVENT DATE: 02-04-83

TITLE OF THE EVENT: MOV-1535 and MOV-1536 INOPERABLE

1. Description of the Event

With the unit at 85% power, the results of Periodic Test 2.26 (Reactor Coolant System Pressure Test) indicated that MOV-1535 and MOV-1536 would not fully cycle. This is contrary to T.S.-3.1.A.6.c and reportable per T.S.-6.6.2.b(2).

2. Probable Consequences and Status of Redundant Equipment

These remotely operated block valves provide a positive shutoff capability should their associated relief valve become inoperable. The valves were verified closed and deenergized as required by the Technical Specification, therefore, the health and safety of the public were unaffected.

3. Cause

The cause of the valves' malfunction was not immediately determined. Further investigation will be conducted during the current outage.

4. Immediate Corrective Action

The MOV's were closed from the Control Room, however, minor leakage was still present. A Containment entry was made and MOV-1536 was hand closed. This last action stopped all leakage.

5. Subsequent Corrective Action

The valves will be inspected during the current outage. The valve operator for MOV-1536 is scheduled to be upgraded during this outage to conform to required environmental qualifications.

6. Action Taken to Prevent Recurrence

A Design Review of the Primary Safety and Relief System is in progress and the specific problems experienced with these MOV's will be included in this analysis.

7. Generic Implications

Previous problems have been experienced when attempting to cycle these MOV's with the unit hot.