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0 1 V A S P I S 2 0 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

CONT  
0 1 REPORT SOURCE L 0 5 0 0 0 2 8 1 0 2 1 4 8 3 0 3 0 4 8 3 9  
6 60 61 DOCKET NUMBER 65 69 EVENT DATE 74 75 REPORT DATE 80

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES 10

0 12 With the unit at 100% power, the trip valve, TV-DA-200B, failed to close when the  
0 13 Containment Sump Pump stopped. This is contrary to T.S.3.8.A.1 and reportable per  
0 14 T.S.6.6.2.b.(2). The redundant valve was closed, therefore, the health and safety  
0 15 of the public were not affected.

0 9 SYSTEM CODE S D 11 CAUSE CODE E 12 CAUSE SUBCODE B 13 COMPONENT CODE V A L V E X 14 COMP. SUBCODE F 15 VALVE SUBCODE D 16  
17 LER/RO REPORT NUMBER 8 3 18 0 10 6 19 0 3 20 L 21 0  
ACTION TAKEN A 18 FUTURE ACTION Z 19 EFFECT ON PLANT Z 22 SHUTDOWN METHOD Z 21 HOURS 0 0 0 0 22 ATTACHMENT SUBMITTED Y 23 NPRM FORM SUB. Y 24 PRIME COMP. SUPPLIER A 25 COMPONENT MANUFACTURER A 4 9 9 26  
33 34 35 36 37 40 41 42 43 44 47

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS 27

1 10 The cause of this event was a defective SOV. The valve was replaced and returned  
1 11 to service in accordance with PT-18.6.

1 5 FACILITY STATUS E 28 % POWER 1 0 0 0 29 OTHER STATUS N/A 30 METHOD OF DISCOVERY A 31 DISCOVERY DESCRIPTION Operator Observation 32  
8 9 10 12 13 44 45 46 80

1 6 ACTIVITY CONTENT Z 33 RELEASED OF RELEASE Z 34 AMOUNT OF ACTIVITY N/A 35 LOCATION OF RELEASE N/A 36  
8 9 10 11 44 45 80

1 7 PERSONNEL EXPOSURES NUMBER 0 0 0 0 37 TYPE Z 38 DESCRIPTION N/A 39  
8 9 10 11 12 13 80

1 8 PERSONNEL INJURIES NUMBER 0 0 0 0 40 DESCRIPTION N/A 41  
8 9 10 11 12 80

1 9 LOSS OF OR DAMAGE TO FACILITY TYPE Z 42 DESCRIPTION S 43 8303160165 830304 PDR ADOCK 05000281 FDR  
8 9 10 11 12 80

2 0 PUBLICITY ISSUED N 44 DESCRIPTION N/A 45 NRC USE ONLY  
8 9 10 11 12 80

NAME OF PREPARED J. L. Wilson

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ATTACHMENT 1  
SURRY POWER STATION, UNIT NO. 2  
DOCKET NO: 50-281  
REPORT NO: 83-006/03L-0  
EVENT DATE: 02-14-83

TITLE OF THE EVENT: TV-DA-200B FAILED TO CLOSE

1. Description of the Event

With the unit at 100 percent power, the operator observed that trip valve, TV-DA-200B, failed to close when the containment sump pump stopped. Inoperability of an automatic containment isolation valve is contrary to Technical Specification 3.8.A.1 and reportable pursuant to Technical Specification 6.6.2.b.(2).

2. Probable Consequences and Status of Redundant Equipment

The design basis for the containment isolation system is that during accident conditions at least two barriers exist between the atmosphere outside the containment structure and (1) the atmosphere inside the containment (2) the reactor coolant system.

Therefore failure of one valve or barrier will not prevent isolation of the containment.

The redundant isolation valve, TV-DA-200A, was closed. Therefore an isolation barrier existed throughout this event and the health and safety of the public were not affected.

3. Cause

The solenoid operated valve (SOV) that controls the air to TV-DA-200B was found to be binding.

4. Immediate Corrective Action

The air supply to the trip valve was isolated. The valve then closed.

5. Subsequent Corrective Action

The solenoid operated valve was replaced and the valve returned to service in accordance with PT-18.6.

6. Action Taken to Prevent Recurrence

None required. This SOV cycles each time the containment Sump Pump cycles and therefore it's normal life is much shorter than the other trip valves.

7. Generic Implications

None.