

LICENSEE EVENT REPORT

CONTROL BLOCK (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

V A S P S 2 0 0 - 0 0 0 0 0 0 - 0 0 4 1 1 1 1

REPORT SOURCE L 0 5 0 0 0 2 8 1 0 7 2 8 8 2 0 8 2 4 8 2

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES

With the unit at full power, the breaker for MOV-SW-202B (service water to CC heat exchangers) was found open with the valve in the open position. This event is reportable per T.S.6.6.2.b(2). Power was returned to the valve within five minutes and the valve proven operable by procedure in fourteen minutes, therefore the health and safety of the public were not affected.

SYSTEM CODE WA CAUSE CODE A CAUSE SUBCODE E COMPONENT CODE VALVE EX COMP. SUBCODE B VALVE SUBCODE D

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS

The exact cause for the open breaker is unknown, however, due to the location of the breaker, it is possible for someone to have accidentally kicked the breaker, thus opening it. The breaker was closed, the valve proven operable by procedure, and it was returned to service.

FACILITY STATUS E % POWER 1 0 0 OTHER STATUS N/A METHOD OF DISCOVERY A DISCOVERY DESCRIPTION Operator Observation

ACTIVITY CONTENT RELEASED OF RELEASE Z AMOUNT OF ACTIVITY N/A LOCATION OF RELEASE N/A

PERSONNEL EXPOSURES NUMBER 0 0 0 TYPE Z DESCRIPTION N/A

PERSONNEL INJURIES NUMBER 0 0 0 DESCRIPTION N/A

LOSS OF OR DAMAGE TO FACILITY TYPE Z DESCRIPTION N/A

PUBLICITY ISSUED DESCRIPTION N/A

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S PDR

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ATTACHMENT 1  
SURRY POWER STATION, UNIT NO. 2  
DOCKET NO: 50-281  
REPORT NO: 82-045/03L-0  
EVENT DATE: 07-28-82

TITLE OF THE EVENT: MOV-SW-202B De-energized

1. DESCRIPTION OF THE EVENT:

With the unit at full power, the breaker for MOV-SW-202B (service water to the component cooling heat exchangers) was found open with the valve open. This condition was discovered while the operator was investigating a possible problem with MOV-SW-202A. The valve would not have closed automatically if required, therefore, this event is reportable per T.S. 6.6.2.b(2).

2. PROBABLE CONSEQUENCES and STATUS of REDUNDANT EQUIPMENT:

Valve MOV-SW-202B is designed to close to conserve water when less than 18 feet of water exists in the intake canal or when a blackout occurs coincident with a consequence limiting safeguards Hi Hi signal.

Power was restored to the valve within 5 minutes, it was also proven operable and returned to service by procedure (PT-25.1) within 14 minutes, therefore, the health and safety of the public were not affected.

3. CAUSE:

The exact cause for the open breaker is unknown, however it is suspected that the breaker was accidentally bumped. The breaker for MOV-SW-202B is located at floor level making it possible to be inadvertently kicked.

4. IMMEDIATE CORRECTIVE ACTION:

The electricians were immediately sent to bridge and megger the motor, power was restored to the motor, and the valve was returned to service in accordance with PT-25.1 within 14 minutes.

5. SUBSEQUENT CORRECTIVE ACTIONS:

With the valve proven operable and returned to service, no subsequent actions were necessary.

6. ACTION TAKEN TO PREVENT RECURRENCE:

The breaker is located in an area where construction activity was underway. It is likely that the breaker was accidentally bumped, causing it to open. This is considered to be an isolated event and no further actions are considered necessary.

7. GENERIC IMPLICATIONS:

One similar event occurred on 07-21-81. See LER 81-47/03L-0 for Unit 2.