

LICENSEE EVENT REPORT

CONTROL BLOCK: 1 (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

VASPS200-00000-00341111145

REPORT SOURCE L05000281705188380613839

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES 10

01 On May 18, 1983, with Unit 2 at 100% power, MOV-SW-202B failed to close electrically
02 from the control room. This is reportable per T.S.-6.6.2.b.(2). The valve was
03 capable of being closed manually to conserve the water in the intake canal if
04 necessary. Therefore, the health and safety of the public were not affected.
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SYSTEM CODE WA11 CAUSE CODE E12 CAUSE SUBCODE B13 COMPONENT CODE VALVOP14 COMP. SUBCODE A15 VALVE SUBCODE D16
 LER/RO REPORT NUMBER 83 EVENT YEAR 83 SEQUENTIAL REPORT NO. 025 OCCURRENCE CODE 03 REPORT TYPE L REVISION NO. 0
 ACTION TAKEN B18 FUTURE ACTION Z19 EFFECT ON PLANT Z20 SHUTDOWN METHOD Z21 HOURS 000000 ATTACHMENT SUBMITTED Y23 NRC-4 FORM SUB. Y24 PRIME COMP. SUPPLIER A25 COMPONENT MANUFACTURER L20026

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS 27

10 The clutch that allows manual operation failed to disengage. The clutch failed to
11 disengage because of a buildup of rust between the clutch shaft and the motor
12 operator housing. The rust was removed and the valve returned to service.
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FACILITY STATUS E28 % POWER 00029 OTHER STATUS N/A METHOD OF DISCOVERY B31 DISCOVERY DESCRIPTION Preventative maintenance.32

ACTIVITY CONTENT RELEASED OF RELEASE Z33 AMOUNT OF ACTIVITY N/A LOCATION OF RELEASE N/A36

PERSONNEL EXPOSURES NUMBER 00037 TYPE Z38 DESCRIPTION N/A39

PERSONNEL INJURIES NUMBER 00040 DESCRIPTION N/A41

LOSS OF OR DAMAGE TO FACILITY TYPE Z42 DESCRIPTION N/A43

PUBLICITY ISSUED DESCRIPTION N44 DESCRIPTION N/A45

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NRC USE ONLY

ATTACHMENT 1
SURRY POWER STATION, UNIT NO. 2
DOCKET NO: 50-281
REPORT NO: 83-025/03L-0
EVENT DATE: 05-18-83

TITLE OF THE EVENT: MOV-SW-202B INOPERABLE

1. Description of the Event

On May 18, with the unit at full power, MOV-SW-202B failed to cycle close electrically due to a malfunctioning clutch disengage. Operations was attempting to close the valve to allow replacement of the Handwheel. 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.

The valve was closed manually within 5 minutes, therefore, the health and safety of the public were not affected.

3. Cause

The clutch failed to disengage due to rust build-up between the clutch shaft and the motor operator housing.

4. Immediate Corrective Actions

The manual engage lever was disengaged locally. The valve was then closed electrically.

5. Subsequent Corrective Actions

Rust was removed from the manual engage shaft and the valve was returned to service in accordance with PT-25.1.

6. Action Taken to Prevent Recurrence

A plant change will be initiated to provide spray proof components in this location.

7. Generic Implications

None.