

LICENSEE EVENT REPORT

CONTROL BLOCK: 1

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

0 1 V A S P S 2 2 0 0 - 0 0 0 0 0 - 0 0 3 4 1 1 1 1 1 4 5

CONT 0 1 REPORT SOURCE L 6 0 5 0 0 0 2 8 1 7 0 9 1 8 8 3 8 1 0 1 7 8 3 9

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES 10

0 1 With Unit 2 at Cold Shutdown, during the performance of PT's 18.2A and 18.2B (S.I.
0 2 Test H & J Train), FCV-FW-2488 ('B' Feed reg. valve) would not fully close on a S.I.
0 3 signal. This is a non-conservatism with respect to T.S.3.7 and is being reported per
0 4 T.S.6.6.2.b.(2). Feedwater isolation provided by feed reg. and bypass valve closure
0 5 and feedwater pump trips upon S.I., mitigate the consequences of a steam line rupture
0 6 Since the feedwater pumps would have tripped on a S.I. signal, the health and safety
0 7 of the public would not have been affected.

0 9 SYSTEM CODE C H 11 CAUSE CODE X 12 CAUSE SUBCODE X 13 COMPONENT CODE V A L V O P 14 COMP. SUBCODE D 15 VALVE SUBCODE Z 16

17 LER/RO REPORT NUMBER 8 3 21 EVENT YEAR 22 0 3 7 24 SEQUENTIAL REPORT NO. 25 0 3 28 OCCURRENCE CODE 29 L 30 REPORT TYPE 31 0 32 REVISION NO.

33 X 34 Z 35 Z 36 Z 37 0 0 0 0 40 HOURS 41 Y 42 Y 43 N 44 C 6 3 5 47 COMPONENT MANUFACTURER

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS 27

1 0 The cause has not been determined. Electricians checked the valve and verified that
1 1 the solenoid valves, which de-energize on a S.I. signal and block air to the valve,
1 2 functioned properly and the valve closed satisfactorily.

1 3
1 4

1 5 FACILITY STATUS H 28 0 0 0 29 N/A 30 OTHER STATUS B 31 Performance Test 32 DISCOVERY DESCRIPTION

1 6 Z 33 Z 34 N/A 35 AMOUNT OF ACTIVITY 36 N/A LOCATION OF RELEASE

1 7 0 0 0 37 Z 38 N/A 39 DESCRIPTION

1 8 0 0 0 40 N/A 41 DESCRIPTION

1 9 Z 42 N/A 43 DESCRIPTION

2 0 N 44 N/A 45 DESCRIPTION

8507310008 831017
PDR ADOCK 050002B1
S PDR

NRC USE ONLY

ATTACHMENT 1

SURRY POWER STATION, UNIT NO. 2

DOCKET NO: 50-281

REPORT NO: 83-037/03L-0

EVENT DATE: 09-18-83

TITLE OF THE EVENT: FCV-FW-2488 FAILED TO COMPLETELY CLOSE DURING S.I. SYSTEM TESTS.

1. Description of the Event

With Unit 2 at Cold Shutdown, during the performance of PT's 18.2A and 18.2B (Safety Injection Systems Tests H & J Trains), FCV-FW-2488 ('B' main feed regulation valve) would not fully close on a S.I. signal. This is a non-conservatism with respect to Technical Specification 3.7 and is being reported per Technical Specification 6.6.2.b.(2).

2. Probable Consequences and Status of Redundant Equipment

Feedwater isolation, provided by feed reg. and bypass valve closure and feedwater pump trips upon actuation of Safety Injection, mitigates the consequences of excessive heat removal in the event of a steam line rupture and stops feed flow into containment in the event of a steam line rupture in containment. Since the feedwater pumps would have tripped upon S.I. actuation, the health and safety of the public would not have been affected.

3. Cause

The cause has not been determined. Electricians checked the valve and verified that the solenoid valves, which de-energize on a S.I. signal and block air to the valve, functioned properly and the valve closed satisfactorily.

4. Immediate Corrective Action

None required.

5. Subsequent Corrective Action

Electricians checked the solenoids and determined the valve closed satisfactorily.

6. Action Taken to Prevent Recurrence

None.

7. Generic Implications

None.

Please substitute the enclosed cover sheet to Licensee Event
Report, Serial Number 83-073 dated October 17, 1983.

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CORRECTED
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