

LICENSEE EVENT REPORT

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

0 1 V A S P S 1 2 0 0 - 0 0 0 0 0 0 - 0 0 3 4 1 1 1 1 4 5
9 14 15 25 26 30 31 CAT 56
LICENSEE CODE DOCKET NUMBER LICENSE TYPE

0 1
0 1
REPORT SOURCE L 6 0 5 0 0 0 2 8 0 7 1 0 0 9 8 2 8 1 1 0 8 8 2 9
60 61 66 69 74 75 80
DOCKET NUMBER EVENT DATE REPORT DATE

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 With the unit at cold shutdown, performance of 1-PT-39B-1 and 1-PT-39B-2 revealed
0 3 that snubbers 1-SHP-HSS-35B, 1-SW-MSS-2, 1-S1-HSS-100, 1-WFPD-HSS-14, WFPD-HSS-15,
0 4 and 1-RC-HSS-116 were inoperable. This event is contrary to Tech. Spec. 3.20.A
0 5 and is reportable in accordance with Tech. Spec. 6.6.2.b.(2). Since no seismic
0 6 disturbances were experienced while the unit was at power, the health and safety
0 7 of the public were not affected.

0 8
0 9
SYSTEM CODE C H 11 CAUSE CODE E 12 CAUSE SUBCODE B 13 COMPONENT CODE S U P P O R T 14
9 10 11 12 13 18
COMP. SUBCODE D 15 VALVE SUBCODE Z 16
19 20
17 LER/RO REPORT NUMBER 8 2 1 0 1 0 3 L 0
21 22 23 24 26 27 28 29 30 31 32
EVENT YEAR SEQUENTIAL REPORT NO. OCCURRENCE CODE REPORT TYPE REVISION NO.
ACTION TAKEN FUTURE ACTION EFFECT ON PLANT SHUTDOWN METHOD HOURS ATTACHMENT SUBMITTED NPD-4 FORM SUB. PRIME COMP. SUPPLIER COMPONENT MANUFACTURER
B 18 Z 19 Z 20 Z 21 0 0 0 0 Y 23 N 24 A 25 I 2 0 7 26
13 34 35 36 37 40 41 42 43 44 47
CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 Five of the snubbers had fluid leaks and the mechanical snubber was bound up and
1 1 would not stroke. The snubbers were replaced or repaired and returned to operable
1 2 status. A new inspection interval based on the number of failures has been
1 3 established.

1 4
1 5 FACILITY STATUS G 28 % POWER 0 0 0 29 OTHER STATUS N/A 30 METHOD OF DISCOVERY B 31 DISCOVERY DESCRIPTION Periodic Test. 32
7 8 9 10 11 12 13 44 45 46 80
ACTIVITY CONTENT RELEASED OF RELEASE AMOUNT OF ACTIVITY 35 LOCATION OF RELEASE 36
1 6 Z 33 Z 34 N/A 44 45 80
PERSONNEL EXPOSURES NUMBER TYPE DESCRIPTION 39
1 7 0 0 0 37 Z 38 N/A 80
PERSONNEL INJURIES NUMBER DESCRIPTION 41
1 8 0 0 0 40 N/A 80
LOSS OF OR DAMAGE TO FACILITY TYPE DESCRIPTION 43
1 9 Z 42 N/A 80

2 0
2 1
PUBLICATION DESCRIPTION 45
ISSUED N 44
8211220317 821108
PDR ADOCK 05000280
S PDR
NRC USE ONLY
68 69 80

NAME OF PREPARED J. L. Wilson

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ATTACHMENT 1
SURRY POWER STATION, UNIT NO. 1
DOCKET NO: 50-280
REPORT NO: 82-101/03L-0
EVENT DATE: 10-09-82

TITLE OF THE EVENT: INOPERABLE SNUBBERS

1. Description of the Event:

With unit one at cold shutdown, performance of Periodic Test 1-PT-39B-1 (Visual Inspection - Accessible Snubbers - As Found) and Periodic Test 1-PT-39B-2 (Visual Inspection - Inaccessible Snubbers - As Found) revealed the following snubbers to be inoperable:

1-SHP-HSS-35B, 1-SW-MSS-2, 1-S1-HSS-100 (PT-39B-1); and 1-WFPD-HSS-14, 1-WFPD-HSS-15, 1-RC-HSS-116 (PT-39B-2).

This event is contrary to Technical Specification 3.20.A and is being reported in accordance with Technical Specification 6.6.2.b.(2).

2. Probable Consequences and Status of Redundant Equipment:

Snubbers prevent unrestrained pipe motion that can occur during an earthquake of severe hydraulic transient while allowing for thermal pipe movement. The possible consequences of an inoperable snubber is an increased chance of pipe damage resulting from dynamic loads. However, since no seismic disturbances were experienced while the unit was at power, the health and safety of the public were not affected.

3. Cause of the Event:

Snubbers 1-WFPD-HSS-15 and 1-RC-HSS-116 were declared inoperable due to low fluid level in their reservoirs caused by fitting leaks. Snubbers 1-S1-HSS-100 and 1-WFPD-HSS-14 were declared inoperable due to low fluid level caused by seal degradation. Snubber 1-SW-MSS-2 (mechanical snubber manufactured by Pacific Scientific) was corroded and would not stroke. 1-SHP-HSS-35B was inoperable due to environmental degradation of the piston O-ring.

4. Immediate Corrective Action:

Snubbers 1-SW-MSS-2 and 1-SHP-HSS-35B were replaced with new snubbers. The reservoirs of 1-S1-HSS-100 and 1-WFPD-HSS-14 were replaced to correct the leaks that caused the low fluid levels. Reservoir fitting on snubbers 1-WFPD-HSS-15 and 1-RC-HSS-116 were tightened and all the reservoirs were filled.

5. Subsequent Corrective Actions:

A new inspection interval of 124 days \pm 25% has been established based on the number of failures discovered during this inspection.

All snubbers for the unit will be inspected at the end of this time interval.

6. Action Taken to Prevent Recurrence:

No further actions are required.

7. Generic Implications:

None.