

LICENSEE EVENT REPORT

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

011 V A S P S 1 0 0 0 0 0 0 0 0 0 0 0 4 1 1 1 1 4 _____ 5
LICENSEE CODE 14 15 LICENSE NUMBER 25 26 LICENSE TYPE 30 31 CAT 58

012 L 0 5 0 0 0 0 2 8 0 7 0 0 2 6 8 2 E 0 9 2 1 8 2 5
REPORT SOURCE 60 61 DOCKET NUMBER 66 67 EVENT DATE 74 75 REPORT DATE 80

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

012 With unit 1 at 98%, the signal from the loop A steam line pressure transmitter
013 (PT-1-474) failed high. This is contrary to T.S. Table 3.7.2 and is a degraded
014 mode of operation permitted by T.S.3.7.A and is reportable per T.S.6.6.2.b(2).
015 Header pressure greater than line pressures on 2/3 channels will initiate a S.I.
016 signal. The redundant steam line pressure channels remained operable and the
017 affected channel's bistable was placed in trip mode. Therefore, the health and
018 safety of the public were not affected.

019 I B 11 E 12 X 13 I N S T R U 14 T 15 Z 16
SYSTEM CODE CAUSE CODE CAUSE SUBCODE COMPONENT CODE COMP SUBCODE VALVE SUBCODE
17 8 2 0 8 8 0 3 I 0
LER/RO REPORT NUMBER EVENT YEAR SEQUENTIAL REPORT NO. OCCURRENCE CODE REPORT TYPE REVISION NO.
X 18 X 15 Z 20 Z 21 0 0 0 0 0 0 Y 22 N 24 L 25 R 3 6 9 26
ACTION TAKEN FUTURE ACTION EFFECT ON PLANT SHUTDOWN METHOD HOURS ATTACHMENT SUBMITTED NRC-4 FORM 506 PRIME COMP. SUPPLIER COMPONENT MANUFACTURER

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

110 The exact cause of the failure has not been determined. The transmitter was
111 removed from the instrument loop and bench tested satisfactorily and then
112 reinstalled in the loop. A thorough examination of the instrument loop will be
113 performed during the next scheduled outage.

115 E 28 0 9 8 29 N/A 30 A 32 Operator Observation
FACILITY STATUS % POWER OTHER STATUS METHOD OF DISCOVERY DISCOVERY DESCRIPTION

116 Z 33 Z 34 N/A 35 N/A 36
ACTIVITY CONTENT RELEASED OF RELEASE AMOUNT OF ACTIVITY LOCATION OF RELEASE

117 0 0 0 37 Z 38 N/A 39
PERSONNEL EXPOSURES NUMBER TYPE DESCRIPTION

118 0 0 0 40 N/A 41
PERSONNEL INJURIES NUMBER DESCRIPTION

119 Z 42 N/A 43
LOSS OF OR DAMAGE TO FACILITY TYPE DESCRIPTION

8209300331 820921
PDR ADOCK 05000280
S PDR

NRC USE ONLY

210 J. L. Wilson (804) 357-3184
NAME OF PREPARED BY P-01-E

ATTACHMENT 1
SURRY POWER STATION, UNIT NO. 1
DOCKET NO: 50-280
REPORT NO: 82-088/03L-0
EVENT DATE: 08-26-82

TITLE OF THE EVENT: PT-1-474 Failed High

1. DESCRIPTION OF THE EVENT:

With unit 1 at 98% power, the signal from the Loop A steam line pressure transmitter (PT-1-474) failed high. This is contrary to Technical Specification Table 3.7.2 and is a degraded mode of operation permitted by T.S.3.7.A. This is reportable per T.S.6.6.2.b(2).

2. PROBABLE CONSEQUENCES and STATUS of REDUNDANT EQUIPMENT:

The steam lines and header are provided with three pressure channels each. Steam header pressure greater than any steam line pressure by 120 psi on 2/3 channels will initiate a safety injection in order to mitigate the effects of a steam line break. The other two channels associated with the steam line remained operable and the failed channel's bistable was placed in the trip mode. Therefore, the health and safety of the public were not affected.

3. CAUSE OF THE EVENT:

The exact cause of the failure has not been determined.

4. IMMEDIATE CORRECTIVE ACTION:

The bistable for the affected channel was placed in the trip mode.

5. SUBSEQUENT CORRECTIVE ACTION:

An unsuccessful attempt was made to determine the cause of the failure with the transmitter remaining in the loop. The transmitter was then removed from the loop, bench tested satisfactorily, and reinstalled in the loop with no recurrence of any problem. Also, the bistable for the affected channel was returned to its normal operating position.

6. ACTION TAKEN TO PREVENT RECURRENCE:

A thorough examination of the instrument loop will be performed at the next scheduled outage.

7. GENERIC IMPLICATIONS:

None.