

LICENSEE EVENT REPORT

U.S. NUCLEAR REGULATORY COMMISSION

CONTROL BLOCK: 1

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

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

LICENSEE CODE LICENSE NUMBER LICENSE TYPE CAT 58

CON'T
311 | REPORT SOURCE | L | 6 | 0 | 5 | 0 | 0 | 0 | 2 | 8 | 0 | 7 | 0 | 1 | 2 | 4 | 7 | 9 | 8 | 0 | 2 | 2 | 6 | 7 | 9 | 9

DOCKET NUMBER EVENT DATE REPORT DATE

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES 10

312 | An error was detected in the calibration procedures for the steam flow instrumentation.

313 | This resulted in an error in the high steam flow setpoint of 0.7 percent for Loop A,

314 | 1.9 percent for Loop B and 0.2 percent for Loop C at a turbine load of less than or

315 | equal to 20 percent full load. This is contrary to Technical Specifications 3.7.D

316 | and is reportable as per Technical Specifications 6.6.2.b.(1).

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318 |

319 | SYSTEM CODE | I | B | 11 | CAUSE CODE | D | 12 | CAUSE SUBCODE | Z | 13 | COMPONENT CODE | I | N | S | T | R | U | 14 | COMP. SUBCODE | T | 15 | VALVE SUBCODE | Z | 16

17 | LER/RO REPORT NUMBER | 7 | 9 | 18 | EVENT YEAR | 7 | 9 | 19 | SEQUENTIAL REPORT NO. | 0 | 0 | 3 | 20 | OCCURRENCE CODE | 0 | 3 | 21 | REPORT TYPE | L | 22 | REVISION NO. | 0 | 23

ACTION TAKEN | E | 24 | FUTURE ACTION | G | 25 | EFFECT ON PLANT | Z | 26 | SHUTDOWN METHOD | Z | 27 | HOURS | 0 | 0 | 0 | 0 | 28 | ATTACHMENT SUBMITTED | Y | 29 | NPRD-4 FORM SUB. | N | 30 | PRIME COMP. SUPPLIER | L | 31 | COMPONENT MANUFACTURER | F | 1 | 2 | 0 | 32

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS 27

110 | This event was caused by an error made when the calibration procedures were changed.

111 | This resulted in a comparator offset being improperly reset. The procedures were

112 | changed and the instrumentation recalibrated.

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114 |

115 | FACILITY STATUS | E | 28 | % POWER | 1 | 0 | 0 | 29 | OTHER STATUS | NA | 30 | METHOD OF DISCOVERY | A | 31 | DISCOVERY DESCRIPTION | NA | 32

116 | ACTIVITY CONTENT | Z | 33 | RELEASED OF RELEASE | Z | 34 | AMOUNT OF ACTIVITY | NA | 35 | LOCATION OF RELEASE | NA | 36

117 | PERSONNEL EXPOSURES NUMBER | 0 | 0 | 0 | 37 | TYPE | Z | 38 | DESCRIPTION | NA | 39

118 | PERSONNEL INJURIES NUMBER | 0 | 0 | 0 | 40 | DESCRIPTION | NA | 41

119 | LOSS OF OR DAMAGE TO FACILITY TYPE | Z | 42 | DESCRIPTION | NA | 43

120 | PUBLICITY ISSUED | N | 44 | DESCRIPTION | NA | 45

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NRC USE ONLY

CPO 917-926

Surry Power Station, Unit 1
Docket No: 50-280
Report No: 79-003/03L-0
Event Date: 1-24-79

Title of Report: Steam Flow Instrumentation Calibration Error

1. Description of Event:

An error was detected in the calibration procedures for the steam flow instrumentation. A procedure change was made as a result of Setpoint Change 79-02, High Steam Flow Setpoint, and this change caused a comparator offset to be improperly set. This resulted in an error in the high steam flow setpoints of 0.7 percent for Loop A, 1.9 percent for Loop B, and 0.2 percent for Loop C at a turbine load of less than or equal to 20 percent full load. This is contrary to Technical Specification 3.7.D and is reportable per Technical Specification 6.6.2.b.(1).

2. Probable Consequences and Status of Redundant Systems:

This error affects the high steam flow setpoint at a turbine load of less than 20 percent and it has no effect on the setpoints from 20 to 100 percent turbine load. For the duration of this event, the unit was operating well above 90 percent turbine load, and thus was never in an unconservative operating mode. Therefore, the health and safety of the general public were not affected.

3. Cause:

This event was caused by an error made in the changing of the calibration procedure as a result of Setpoint Change 79-02.

4. Immediate Corrective Action:

The error in the calibration procedure was corrected and the steam flow instrumentation was recalibrated.

5. Subsequent Corrective Action:

No further corrective action will be required.

6. Actions Taken to Prevent Recurrence:

No further corrective action will be required to prevent recurrence.

7. Generic Implications:

None.