

LICENSEE EVENT REPORT

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

1 | V | A | S | I | P | S | 1 | 2 | 0 | 0 | - | 0 | 0 | 0 | 0 | 0 | - | 0 | 0 | 3 | 4 | 1 | 1 | 1 | 1 | 4 | 5  
8 9 14 15 25 26 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

CONT  
0 | 1 | L | 6 | 0 | 5 | 0 | 0 | 0 | 2 | 8 | 0 | 7 | 0 | 6 | 1 | 8 | 8 | 2 | 8 | 0 | 7 | 0 | 9 | 8 | 2 | 9  
8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 | 2 | With the unit at full power, the operational status of the charging pump service  
0 | 3 | water pumps was checked following a flush of the service water piping. Pump  
0 | 4 | 1-SW-P-10B failed to auto start. This is contrary to T.S. 3.3.A.8.b and  
0 | 5 | reportable per T.S.6.6.2.b(2). The redundant pump remained operational, therefore  
0 | 6 | the health and safety of the public were not affected.

0 | 9 | SYSTEM CODE: W | A | 11 | CAUSE CODE: E | 12 | CAUSE SUBCODE: E | 13 | COMPONENT CODE: P | U | M | P | X | X | 14 | COMP. SUBCODE: B | 15 | VALVE SUBCODE: Z | 16 |  
17 | LER/RO REPORT NUMBER: 8 | 2 | 21 | 22 | SEQUENTIAL REPORT NO.: 0 | 7 | 4 | 24 | 26 | OCCURRENCE CODE: 0 | 3 | 28 | 29 | REPORT TYPE: I | 30 | 31 | REVISION NO.: 0 | 22 |  
ACTION TAKEN: A | 18 | FUTURE ACTION: Z | 19 | EFFECT ON PLANT: Z | 20 | SHUTDOWN METHOD: Z | 21 | HOURS: 0 | 0 | 0 | 0 | 37 | 40 | ATTACHMENT SUBMITTED: Y | 23 | 41 | NPD-4 FORM SUB: N | 24 | 42 | PRIME COMP. SUPPLIER: A | 25 | 43 | COMPONENT MANUFACTURER: I | 0 | 7 | 5 | 26 | 44 | 47

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 | 0 | The charging pump service water pump failed to auto start due to drift of the low  
1 | 1 | pressure setpoint of pressure switch PS-SW-105. The pressure switch was replaced  
1 | 2 | with a bench tested switch and the pump returned to operational status.

1 | 5 | FACILITY STATUS: E | 28 | % POWER: 1 | 0 | 0 | 29 | OTHER STATUS: N/A | 30 | METHOD OF DISCOVERY: A | 31 | DISCOVERY DESCRIPTION: Operational Check | 32 |

1 | 6 | ACTIVITY CONTENT RELEASED OF RELEASE: Z | 33 | 34 | AMOUNT OF ACTIVITY: N/A | 35 | LOCATION OF RELEASE: N/A | 36 |

1 | 7 | PERSONNEL EXPOSURES NUMBER: 0 | 0 | 0 | 37 | 38 | TYPE: Z | 39 | DESCRIPTION: N/A | 40 |

1 | 8 | PERSONNEL INJURIES NUMBER: 0 | 0 | 0 | 40 | 41 | DESCRIPTION: N/A | 42 |

1 | 9 | LOSS OF OR DAMAGE TO FACILITY TYPE: Z | 42 | DESCRIPTION: N/A | 43 |

2 | 0 | PUBLICITY ISSUED DESCRIPTION: N | 44 | 45 | N/A | 46 |

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PDR ADDCK 05000280  
S PDR

PHONE (804) 357-3184

ATTACHMENT 1  
SURRY POWER STATION, UNIT NO. 1  
DOCKET NO: 50-280  
REPORT NO: 82-074/03L-0  
EVENT DATE: 06-18-82

TITLE OF THE EVENT: 1-SW-P-10B Failed to Auto Start

1. DESCRIPTION OF THE EVENT:

With the unit at full power, the operational status of the charging pump service water pumps was checked following a flush of the inlet service water piping. Charging pump service water pump 1-SW-P-10B failed to auto start when 1-SW-P-10A was stopped. This is contrary to T.S. 3.3.A.8.b and is reportable per T.S. 6.6.2.b(2).

2. PROBABLE CONSEQUENCES:

The charging pump service water pumps supply water to the charging pump intermediate seal coolers and lubricating oil coolers. During this event, the redundant charging pump service water pump remained operable, therefore the health and safety of the public were not affected.

3. CAUSE:

The charging pump service water pump failed to auto start due to drift of the low pressure setpoint in pressure switch PS-SW-105. This switch provides the low pressure auto start signal for both the "10A" and "10B" pumps. There is a separate setpoint adjustment for each pump.

The pressure switch was checked for setpoint accuracy after being removed. It was found that the auto start setpoint was below the residual pressure in the line when the 10A pump was turned off, thus preventing the 10B pump from starting on low pressure.

4. IMMEDIATE CORRECTIVE ACTION:

The "10B" pump was placed in Hand to return service water flow to normal.

5. SUBSEQUENT CORRECTIVE ACTION:

The pressure switch was removed and replaced with one that was bench tested prior to installation. Both pumps were rechecked satisfactorily and returned to normal.

6. ACTION TAKEN TO PREVENT RECURRENCE:

Procedures will be implemented to provide increased surveillance of the pressure switch.

7. GENERIC IMPLICATIONS:

None.