

LICENSEE EVENT REPORT

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

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

0 1 | L | 0 | 5 | 0 | 0 | 0 | 2 | 8 | 1 | 1 | 1 | 2 | 4 | 8 | 0 | 1 | 2 | 1 | 9 | 8 | 0

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES

0 2 | On November 24, 1980, with Unit No. 2 at 100 percent power, 2-SI-P-1A was declared
0 3 | inoperable due to low resistance. This is contrary to T. S. 3.3.A.6 and is report-
0 4 | able per T. S. 6.6.2.b(2). The redundant pump was operable. Therefore the health
0 5 | and safety of the public were not affected.
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0 7 |
0 8 |

0 9 | SYSTEM CODE: S F | CAUSE CODE: E | CAUSE SUBCODE: X | COMPONENT CODE: M O T O R X | COMP. SUBCODE: Z | VALVE SUBCODE: 7 | LER/RO REPORT NUMBER: 8 0 | SEQUENTIAL REPORT NO.: 0 4 4 | OCCURRENCE CODE: 0 3 | REPORT TYPE: L | REVISION NO.: 0 | ACTION TAKEN: D | FUTURE ACTION: X | EFFECT ON PLANT: Z | SHUTDOWN METHOD: Z | HOURS: 0 0 0 0 | ATTACHMENT SUBMITTED: Y | NPRD-4 FORM SUB.: N | PRIME COMP. SUPPLIER: N | COMPONENT MANUFACTURER: W 1 2 0

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS

1 0 | Rain water from a leaking roof hatch grounded out the motor's connection box. The
1 1 | motor connection box dried out. The pump and motor were tested and returned to
1 2 | service. The roof hatch was repaired.
1 3 |
1 4 |

1 5 | FACILITY STATUS: E | % POWER: 1 0 0 | OTHER STATUS: N/A | METHOD OF DISCOVERY: B | DISCOVERY DESCRIPTION: Routine Test
1 6 | ACTIVITY CONTENT: Z | AMOUNT OF ACTIVITY: N/A | LOCATION OF RELEASE: N/A
1 7 | PERSONNEL EXPOSURES: 0 0 0 | TYPE: Z | DESCRIPTION: N/A
1 8 | PERSONNEL INJURIES: 0 0 0 | DESCRIPTION: N/A
1 9 | LOSS OF OR DAMAGE TO FACILITY: Z | DESCRIPTION: N/A
2 0 | PUBLICITY: Z | DESCRIPTION: N/A

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ATTACHMENT 1
SURRY POWER STATION, UNIT 2
DOCKET NO: 50-281
REPORT NO: 80-044/03L-0
EVENT DATE: 11-24-80

SUBJECT

2-SI-P-1A INOPERABLE

1. Description of Event:

On 24 November 1980, with Unit No. 2 at 100% power, rain water from a heavy rain storm was observed leaking through a roof hatch on 2-SI-P-1A. Operability of the redundant pump (2-SI-P-1B) was verified by PT 18.1 and 2-SI-P-1A was removed from service. Investigation revealed that the motor connection was grounded. This is contrary to Technical Specification 3.3.A.6 and is reportable as per Tech. Spec. 6.6.2.b(2).

2. Probable Consequences and Status of Redundant Equipment:

The low head Safety Injection Pumps provide cooling and makeup water to the reactor during the LOCA. The redundant pump (2-SI-P-1B) was operable and would have functioned as designed. 2-SI-P-1A was returned to service in 12 hours, well within the 24 hours allowed. Therefore, the health and safety of the public were not affected.

3. Cause:

Rain water from a leaking roof hatch above the pump leaked into the motor connection box and created a ground.

4. Immediate Corrective Action:

The redundant pump (2-SI-P-1B) was verified operable as required by Technical Specification 3.3.B.3. Water was removed from the connection box and heat was applied.

5. Subsequent Corrective Action:

The motor connection box was dried using temporary electrical heaters. Subsequently the pump and motor were verified operable and returned to service.

6. Action Taken to Prevent Recurrence

The leaking roof hatch was repaired and inspected during a subsequent rain storm.

7. Generic Implications:

None.