

ATTACHMENT 1
SURRY POWER STATION, UNIT 2
DOCKET NO: 50-281
REPORT NO: 81-028/03L-0
EVENT DATE: 05-02-81

TITLE OF EVENT: BREAKER 15J3 INADVERTENTLY CLOSED

1. DESCRIPTION OF EVENT:

On May 2, 1981, with Unit 2 at 100% power, during the performance of PT-8.5 (Monthly CLS Logic Test) on Unit 1, EDG output breaker (15J3) was inadvertently closed, thereby motorizing No.3 EDG. Phase "B" overcurrent trip caused the breaker to re-open.

This event is contrary to Tech. Spec. 3.16.A.1 and is reportable per Tech. Spec. 6.6.2.b(2).

2. PROBABLE CONSEQUENCES AND STATUS OF REDUNDANT EQUIPMENT:

Redundant Emergency Diesel Generators (EDG) provide emergency power to redundant safety-related components that are designed to mitigate the consequences of postulated accidents. The redundant EDG was operable during the event and the affected EDG was returned to service within the time limits of Tech. Spec's. Therefore, the health and safety of the public were not affected.

3. CAUSE:

The cause of this event was due to inadequate procedure. The procedure, PT-8.5, did not positively control the positioning of 15J3.

4. IMMEDIATE CORRECTIVE ACTION:

The redundant EDG, No. 2, was verified to be in automatic and available.

5. SUBSEQUENT CORRECTIVE ACTION:

The electrical department tested No.3 EDG and breaker 15J3; the results were satisfactory. No.3 EDG was started and loaded to verify operability.

6. ACTION TAKEN TO PREVENT RECURRENCE:

P.T. 8.5 has been changed to ensure positive control of the EDG output breakers.

7. GENERIC IMPLICATIONS:

None.