

CONTROL BLOCK: 1

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

01 VASPS2200-00000-0034111145

LICENSEE CODE

LICENSE NUMBER

LICENSE TYPE

CAT 58

CONT

01 L605000281705048180602819

REPORT SOURCE

DOCKET NUMBER

EVENT DATE

REPORT DATE

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES 10

02 On May 4, 1981, while performing PT-22.3B, the EDG output breaker opened on over-

03 speed. This is contrary to T.S.-3.16.A.1 and is reportable per T.S-6.6.2.b(2).

04 Throughout this event the redundant EDG remained operable. Therefore, the health

05 and safety of the public were not affected.

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08

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SYSTEM CODE

CAUSE CODE

CAUSE SUBCODE

COMPONENT CODE

COMP. SUBCODE

VALVE SUBCODE

09 EE11 E12 B13 INSTRU14 S15 Z16

LER/RO REPORT NUMBER

EVENT YEAR

SEQUENTIAL REPORT NO.

OCCURRENCE CODE

REPORT TYPE

REVISION NO.

17 81 030 03 L 0

ACTION TAKEN

FUTURE ACTION

EFFECT ON PLANT

SHUTDOWN METHOD

HOURS

ATTACHMENT SUBMITTED

NPRD-4 FORM SUB.

PRIME COMP. SUPPLIER

COMPONENT MANUFACTURER

E18 Z19 Z20 Z21 0000 Y23 N24 A25 S34526

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS 27

10 The cause was a misaligned overspeed trip limit switch. The

11 limit switch was adjusted and the EDG tested satisfactorily.

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FACILITY STATUS

% POWER

OTHER STATUS

METHOD OF DISCOVERY

DISCOVERY DESCRIPTION

15 E28 10029 N/A B31 Routine Test

ACTIVITY CONTENT

RELEASED OF RELEASE

AMOUNT OF ACTIVITY

LOCATION OF RELEASE

16 Z33 Z34 N/A N/A

PERSONNEL EXPOSURES

NUMBER

TYPE

DESCRIPTION

17 00037 Z38 N/A

PERSONNEL INJURIES

NUMBER

DESCRIPTION

13 00040 N/A

LOSS OF OR DAMAGE TO FACILITY

TYPE DESCRIPTION

19 Z42 N/A

PUBLICITY

ISSUED DESCRIPTION

NRC USE ONLY

20 N44 N/A

Attachment 1

Surry Power Station Unit 2

Docket No. 50-281

Report No. 81-030/03L-0

Event Date: 05-04-81

#2 EDG OVERSPEED TRIP MALFUNCTION

1. DESCRIPTION OF EVENT:

On May 4, 1981, while performing PT-22.3B (#2 EDG monthly test), the EDG output breaker automatically opened on overspeed. This 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 the event was a misaligned overspeed trip limit switch thereby creating a false signal.

4. IMMEDIATE CORRECTIVE ACTIONS:

The redundant EDG, No. 3, was verified to be in automatic and available.

5. SUBSEQUENT CORRECTIVE ACTION:

The limit switch was adjusted and the EDG tested satisfactorily.

6. ACTION TAKEN TO PREVENT RECURRENCE:

None deemed necessary.

7. GENERAL IMPLICATIONS:

The #1 and #3 EDG overspeed limit switches were examined and no problems were found therefore this event is not considered to be generic.