

LICENSEE EVENT REPORT

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

03 Throughout this event the redundant EDG remained operable. Therefore, the health and safety of the public were not affected.

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09 EE11 E12 B13 INSTRU14 S15 Z16

SYSTEM CODE

CAUSE CODE

CAUSE SUBCODE

COMPONENT CODE

COMP. SUBCODE

VALVE SUBCODE

17 LER/RO REPORT NUMBER

EVENT YEAR 81

SEQUENTIAL REPORT NO. 030

OCCURRENCE CODE 03

REPORT TYPE L

REVISION NO. 0

ACTION TAKEN E18 FUTURE ACTION Z19

EFFECT ON PLANT Z20

SHUTDOWN METHOD Z21

HOURS 0000

ATTACHMENT SUBMITTED Y23

NPRD-4 FORM SUB. N24

PRIME COMP. SUPPLIER A25

COMPONENT MANUFACTURER S34526

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS 27

10 The cause was a misaligned overspeed trip limit switch. The limit switch was adjusted and the EDG tested satisfactorily.

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14 E28 10029 N/A30 B31 Routine Test32

FACILITY STATUS

% POWER

OTHER STATUS

METHOD OF DISCOVERY

DISCOVERY DESCRIPTION

15 Z33 Z34 N/A35 N/A36

ACTIVITY CONTENT

AMOUNT OF ACTIVITY

LOCATION OF RELEASE

16 00037 Z38 N/A39

PERSONNEL EXPOSURES

DESCRIPTION

17 00040 N/A41

PERSONNEL INJURIES

DESCRIPTION

18 Z42 N/A43

LOSS OF OR DAMAGE TO FACILITY

DESCRIPTION

19 Z44 N/A45

PUBLICITY

DESCRIPTION

20 N46 N/A47

ISSUED

NRC USE ONLY

810605 NAME OF PREPARER J. L. Wilson

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1.0 917-926

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.