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EVENT DESCRIPTION AND PROSABLE CONSEQUENCES (10) [5/12] [While performing special load test of EDG-1A, procedure PT-106, EDG-1A tripped
[2] when loaded via the ES Bus. This resulted in failure to have two independent and
operable diesel generators (T.S. 3.8.1.1). EDG-1A tripped due to actuation of a
field over-current relay. This is the first event of this type and the
report under this specification. There was no effect upon the general public
[3] health or safety. One diesel generator and two independent off-site power supplies
were verified as operable redundant systems.
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[110]   EDG-1A field over-current relay actuated at a value below the design serpoint.
The relay was adjusted to the proper value and the diesel was verified operable.
EDG-1B field over-current relay setpoint has been verified. A Surveillance
Program is currently under development for implementation within 31
program will include periodic examination of the field over-current relay.
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## SUPPLEMENTARY INFORMATION

Report No.:

50-302/80-032/03L-0

Facility:

Crystal River Unit #3

Report Date:

28 August 1980

Occurrence Date:

5 August 1980

Identification of

Occurrence:

Failure to have the required number of A.C. electrical power supplies operable contrary to Technical Specification 3.8.1.1.

Conditions Prior to Occurrence:

Mode 3 Hot Standby

Description of Occurrence:

At 1840 while performing PT-106, Special Load Test of Emergency Diesel Generator "A", the generator tripped when the ES Bus was loaded by starting fans AHF-18 and AHF-19. The trip resulted from actuation of a field over-current relay. Redundancy was maintained by the remaining diesel generator and two physically independent off-site circuits.

Designation of Apparent Cuase:

The apparent cause of this event was that the setpoint of a field over-current relay was out of tolerance. The pick-up voltage was found to be below the design setpoint.

Analysis of Occurrence:

There was no effect upon the general public health or safety.

Corrective Action:

The relay was adjusted to the proper pick-up voltage. EDG-1B field over-current relay setpoint has been verified. A surveillance program is under development for implementation within six months. The program will include periodic examination of the field over-current relay.

Failure Data:

This is the first event of this type and the nineteenth report under this specification.