

FGE



Portland General Electric Company
Trojan Nuclear Plant
P.O. Box 439
Rainier, Oregon 97048
(503) 556-3713

November 10, 1980
CPY-1104-80

Mr. R. H. Engelken, Director
Nuclear Regulatory Commission, Region V
1990 North California Blvd.
Walnut Creek, CA 94596

Dear Sir:

In accordance with the Trojan Plant Operating License, Appendix A, US NRC Technical Specifications, Paragraph 3.7.1.2, attached is Licensee Event Report No. 80-24, concerning a situation where a blown fuse was found in the automatic starting circuit for the diesel-driven auxiliary feedwater pump.

Sincerely,

C. P. Yundt
C. P. Yundt
General Manager

JCP
CPY/JCP:na
Attachments

c: LER Distribution List

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REPORTABLE OCCURRENCE

1. Report No.: 80-24
2. a. Report Date: November 10, 1980
b. Occurrence Date: October 11, 1980
3. Facility: Trojan Nuclear Plant, PO Box 439, Rainier, Oregon 97048
4. Identification of Occurrence:

A blown fuse was found in the automatic starting circuit for the diesel-driven auxiliary feedwater pump.
5. Conditions Prior to Occurrence:

The plant was in Mode 1 at 100% of rated power when this event was discovered.
6. Description of Occurrence:

During troubleshooting on a problem with the steam generator sample valves, it was discovered that there was a blown fuse in the automatic starting circuit of the diesel-driven auxiliary feedwater pump. The blown fuse would have prevented the diesel from starting in response to an automatic start signal. The diesel would have started in response to a manual starting signal. The blown fuse was caused by a ground in the steam generator blowdown tank high level circuit. The steam generator blowdown tank level circuit is part of the overall diesel auto-start circuitry. Thus, the circuit protection functioned as designed.
7. Designation of Apparent Cause of Occurrence:

The cause of this occurrence was electrical failure. There was a ground in the steam generator blowdown tank high level circuit. This ground caused the fuse to blow.
8. Analysis of Occurrence:

This occurrence had no effect on plant or public safety. The redundant steam turbine-driven auxiliary feedwater pump was operable and available for use and the diesel-driven auxiliary feedwater pump could have been manually started.
9. Corrective Action:

The immediate corrective action taken was to disconnect the grounded steam generator blowdown tank high level circuit and replace the blown fuse. Subsequently, the grounded circuit was repaired by protecting the circuit from moisture and corrosion. Further corrective action was to submit a Request for Design Change to add control power input to this automatic start circuit to diesel auxiliary feedwater pump not ready to auto-start alarm.