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

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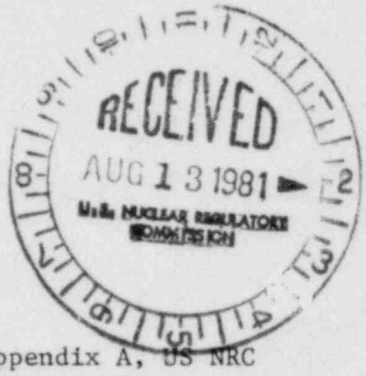
August 3, 1981
CPY-5/4-81



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

Dear Sir:

In accordance with the Trojan Plant Operating License, Appendix A, US NRC Technical Specifications, Paragraph 6.9.1.7, we are submitting Licensee Event Report No. 81-13. This report describes a situation where Reactor Coolant System identified leakage exceeded the maximum amount allowed by the Technical Specifications.

Sincerely,

C. P. Yundt
General Manager

CPY/RPS:mae

Attachments

c: LER Distribution List

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REPORTABLE OCCURRENCE

1. Report No.: 81-13

2. a. Report Date: August 3, 1981

   b. Occurrence Date: July 3, 1981

3. Facility: Trojan Nuclear Plant, P.O. Box 439, Rainier, Oregon 97048

4. Identification of Occurrence:

   Reactor Coolant System leakage of approximately 14 gallons per minute was experienced during the performance of a Reactor Coolant System integrity test. This is in excess of the Technical Specifications limit of 10 gallons per minute for identified leakage. The source was leaking drain valves on the Reactor Coolant loops.

5. Conditions Prior to Occurrence:

   The plant was in Mode 3 at the time of this event. Reactor Coolant System pressure was at 2335 psig for the performance of the Reactor Coolant System integrity test. Reactor Coolant temperature was 557°F.

6. Description of Occurrence:

   A Reactor Coolant System pressure test was being conducted to verify system integrity following a plant refueling. After increasing pressure to 2335 psig, plant personnel noted increased temperature and pressure in the Reactor Coolant Drain Tank (RCDT). Efforts to cool the tank were unsuccessful and a Containment entry was made to inspect for leakage. This inspection revealed that loop drains on A, B, and C loops appeared to be leaking to the RCDT. Calculations determined the Reactor Coolant leak rate to be approximately 14 gallons per minute. The valves were retorqued to their hot torque values and the leakage stopped.

7. Designation of Apparent Cause of Occurrence:

   The type of valve used to isolate the loop drains must be torqued to ensure they seat properly. Plant procedures did not specify this requirement. As a result, the valves were checked shut during preoperational valve lineups but were not torqued.

8. Significance of Occurrence:

   This event had no effect on plant or public safety. All leakage was contained in the Reactor Coolant Drain Tank and the Containment sump. The Reactor Coolant System integrity test is intended to identify and correct system leaks prior to reactor startup. In this instance the test accomplished this purpose.

9. Corrective Action:

The valves were torqued to the correct values and the leakage was stopped. Changes will be made to plant procedures to provide instructions for properly torquing these valves.