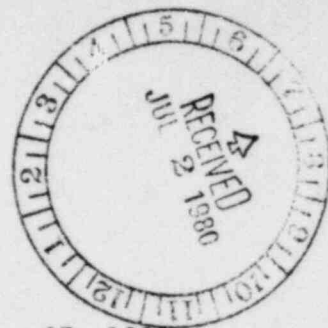


FGE



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



June 27, 1980
CPY-583-80

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

Dear Sir:

In accordance with the Trojan Plant Operating License, Appendix A, US NRC Technical Specifications, Paragraph 3.9.1, attached is Licensee Event Report No. 80-10, concerning a situation where the reactor coolant system boron concentration was below the minimum required.

Sincerely,

C. P. Yundt
General Manager

CPY/JCP:na
Attachments

c: LER Distribution List

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80-153

REPORTABLE OCCURRENCE

1. Report No.: 80-10
2. a. Report Date: June 27, 1980
b. Occurrence Date: May 29, 1980
3. Facility: Trojan Nuclear Plant, PO Box 439, Rainier, Oregon 97048
4. Identification of Occurrence:

While in the refueling mode, the reactor coolant system boron concentration was found to be less than the minimum required.

5. Conditions Prior to Occurrence:

The plant was in Mode 6, refueling, at the time of this occurrence. The actual fuel handling operations had been completed and the reactor vessel head was installed on the reactor vessel, although the holddown bolts were not tensioned.

6. Description of Occurrence:

After the refueling had been completed but while still in Mode 6, a routine chemistry sample indicated that the boron concentration was 1902 ppm in the reactor coolant system instead of the required 2000 ppm. Immediately after this discovery, the boron concentration was increased to greater than 2000 ppm.

7. Designation of Apparent Cause of Occurrence:

The cause of this occurrence was personnel error. High pressure washing of the steam generator tube sheets was in progress and a miscalculation had been made regarding the amount of excess boric acid required to offset the demineralized water used in the washing. More boric acid should have been added prior to the washing than was added.

8. Analysis of Occurrence:

This occurrence had no effect on plant or public safety as the 2000 ppm limitation ensures the reactor will remain subcritical during core alterations and in this instance, core alterations had been completed prior to the beginning of the washing operation.

9. Corrective Action:

The immediate corrective action was to add boric acid to the primary coolant system to increase the boron concentration. The permanent corrective action was to include a caution statement in the procedure.