



Portland General Electric Company
Trojan Nuclear Plant
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June 22, 1994

Trojan Nuclear Plant
Docket 50-344
License NPF-1

SMQ-033-94

U.S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, DC 20555

Dear Sirs:

Special Report 94-01

Trojan Technical Specification (TTS) 3.3.3.4, "Meteorological Instrumentation", requires, in part, the submittal of a Special Report if less than two air temperature delta-T instruments are operable for more than seven days.

On June 7, 1994 the meteorological tower air temperature delta-T channel surveillance resulted in a value greater than the allowed acceptance criteria. The delta-T temperature instrumentation was declared inoperable per TTS 3.3.3.4 and a Maintenance Request (MR) was initiated to investigate and correct the delta-T indication discrepancy. On June 9, 1994 the connections for delta-T instrumentation at the 200 foot tower elevation were disassembled, cleaned, and reassembled. Subsequent monitoring of the delta-T indications showed some divergence over the next few days and on June 13, 1994 the connectors for the instrumentation located at the 33 foot elevation were disassembled, cleaned, and reassembled. Following the maintenance performed on the 33 foot elevation instrumentation, the delta-T indication was monitored for the next seven days for any abnormal indications. The delta-T instrumentation was declared operable on June 20, 1994.

The failed delta-T channel surveillance was believed to be caused by moisture intrusion at some of the instrumentation connections. A review of plant MRs and Corrective Action Requests issued since 1989 did not identify any similar delta-T instrumentation failures. As a result, no additional actions are deemed necessary at this time.

Sincerely,

S. M. Quennoz
General Manager
Trojan Nuclear Plant

- c: L. J. Callan, NRC Region IV
- S. J. Collins, NRC Region IV
- F. A. Wenslawski, NRC Region IV/WCFO
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