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August 10, 1990

Portland General Electric Company
Trojan Nuclear Plant
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U.S. Nuclear Regulatory Commission
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Washington DC 20555

Gentlemen:

Special Report Revision

Limiting Condition for Operation (LCO) 3.7.8.2, "Spray, Sprinkler, and/or Deluge Systems", of the Trojan Technical Specifications (TTS) requires submittal of a special report if the electrical penetration area's deluge system is nonfunctional for greater than 14 days.

Deluge System 19 for the electrical penetration area was declared inoperable on June 18, 1990 due to electrical and electronic problems within the system actuation panel. The system actuation panel had been accidentally sprayed with water while filling and venting the Plant Condensate and Feedwater Systems. This was the apparent cause of the electrical and electronic problems. Three modules in the panel were replaced as part of the system restoration after the accidental water spraying. Trouble alarms continued to be received following system restoration, and the system was again declared inoperable on June 29, 1990. Upon further investigation, a ground was found in the local alarm circuit and was repaired. In addition, it was determined that a jumper was missing from one of the modules replaced during the system restoration. The jumper was subsequently installed, and the system was successfully tested. Deluge System 19 was restored to operable status on July 23, 1990. This revision is to correct the report date from July 10, 1990 to August 10, 1990.

During the time period Deluge System 19 was inoperable a continuous fire watch was established in the electrical penetration area as required by TTS 3.7.8.2.

Sincerely,

W. R. Robinson
General Manager
Trojan Nuclear Plant

c: Mr. John B. Martin
Regional Administrator, Region V
U.S. Nuclear Regulatory Commission

Mr. David Stewart-Smith
State of Oregon
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Mr. R. C. Barr
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