



**Portland General Electric Company**

Stephen M. Quennoz  
Trojan Site Executive

December 19, 1996

VPN-082-96

Trojan Nuclear Plant  
Docket 50-344  
License NPF-1

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

Dear Sirs:

Trojan Nuclear Plant Fire Protection Plan, Amendment 17, PGE-1012

This letter documents the transmittal of eleven copies of Amendment 17 to PGE-1012, "Trojan Nuclear Plant Fire Protection Plan." In accordance with 10 CFR 50.48(f), Amendment 17 reflects revisions to the Fire Protection Program made during decommissioning activities. The changes do not reduce the effectiveness of fire protection for facilities, systems, and equipment which could result in a radiological hazard, and take into account the decommissioning plant conditions and activities.

PGE certifies that Amendment 17 accurately presents changes to PGE-1012 since the previous submittal of Amendment 16, necessary to reflect information and analyses submitted to the Commission or prepared pursuant to Commission requirements.

Sincerely,

Stephen M. Quennoz  
Trojan Site Executive

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Attachment  
Enclosure

c: L. J. Callan, NRC Region IV  
D. Stewart-Smith, ODOE  
Dr. B. D. Spitzberg, NRC Region IV  
R. A. Scarano, NRC Region IV  
M. T. Masnik, NRC, NRR

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### Summary Description of Changes

The following list provides a synopsis of the changes incorporated into PGE-1012, Amendment 17. These changes have been evaluated and determined not to involve an unreviewed safety question as required by 10 CFR 50.59.

In accordance with 10 CFR 50.48(f), Amendment 17 reflects revisions to the Fire Protection Program made during decommissioning activities. The changes do not reduce the effectiveness of fire protection for facilities, systems, and equipment which could result in a radiological hazard, and take into account the decommissioning plant conditions and activities.

These changes also have been shown to meet the criteria of Amendment No. 192 of Trojan Possession Only License, NPF-1, in that the changes do not adversely impact the safe storage of irradiated fuel or increase the likelihood of an offsite release of radioactive material due to a fire.

LDCR 95-012      These changes reflect the changes in fire hazards and plant components due to decommissioning activities and demonstrates that the program retains elements necessary for the safe storage of irradiated fuel and maintains measures that control the release of radioactive materials in the event of a fire. Section 2.4 was expanded to designate the Fire Protection Systems that remain quality-related.

Changes also identify fire protection systems that have been deactivated and equipment that has been de-energized, drained, or removed to reduce fire hazards.

A notation was added to clarify that contractors are required to follow the stipulations of the Trojan Fire Protection Program.

NFPA code deviations contained in Table 3.9-1 were updated.

Minor administrative and editorial changes were also made.

LDCR 95-049      The text related to Fire Brigade staffing was changed from a 3-man to a 2-man incipient fire brigade. This change was made based on a reduction of fire hazards in the plant.

LDCR 96-004      PGE-1012 was changed to reflect the removal of the Radwaste Storage Building and portions of the Maintenance Building to support installation of the Independent Spent Fuel Storage Facility.

- LDCR 96-005      Text was revised to reflect deactivation of the emergency diesel generators, jockey fire pump, and the diesel fuel oil system.
- Minor editorial and administrative changes were also made.
- LDCR 96-021      Text was updated to reflect ongoing decommissioning activities, including the removal of the emergency diesel generators, diesel fuel oil tanks, transformers, smoke detectors, and reduced combustible loading.
- Text was also revised to reflect changes in plant design, programs, references, and incorporated some corrections related to component removal activities.
- LDCR 96-031      Text changes were made to implement Trojan Possession Only License, NPF-1, Amendment #195, which was approved by the Commission on October 31, 1996. This Amendment reflects changes to the plant organization.
- LDCR 95-040      Text was revised to reflect reclassification of the Service Water System from Seismic Category I to Seismic Category II. SFP heat-up rates are updated to reflect current fuel decay heat.

# TROJAN NUCLEAR PLANT

## PGE-1012, Fire Protection Plan, Amendment 17

The following information is furnished as a guide for inserting new pages for Amendment 17 into the Trojan Nuclear Plant Fire Protection Plan. Revised pages should be inserted as listed below:

<u>Delete (Front/Back)</u>	<u>Insert (Front/Back)</u>
Title page/blank	Title page/blank
i/ii through xiii/blank	i/ii through xiii/xiv
1.3-1/1.3-2	1.3-1/1.3-2
1.4-1/blank	1.4-1/blank
2.1-1/2.1-2	2.1-1/2.1-2
2.3-1/2.3-2 and 2.3-3/2.3-4	2.3-1/2.3-2 and 2.3-3/2.3-4
2.4-1/2.4-2 and 2.4-3/blank	2.4-1/2.4-2
3.1-1/3.1-2 and 3.1-3/3.1-4	3.1-1/3.1-2 and 3.1-3/3.1-4
3.2-1/3.2-2 and 3.2-3/blank	3.2-1/3.2-2 and 3.2-3/blank
3.3-1/3.3-2 through 3.3-9/blank	3.3-1/3.3-2 through 3.3-7/3.3-8
3.4-1/blank	3.4-1/blank
3.5-1/3.5-2 and 3.5-3/3.5-4	3.5-1/3.5-2 and 3.5-3/blank
3.6-1/3.6-2	3.6-1/3.6-2
3.7-1/3.7-2 and 3.7-3/blank	3.7-1/blank
3.8-1/3.8-2 through 3.8-13/blank	3.8-1/3.8-2 through 3.8-11/3.8-12
3.9-1/blank	3.9-1/blank
Table 3.1-1, Sheet 1	Table 3.1-1, Sheets 1 through 5
Table 3.3-1, Sheet 1	Table 3.3-1, Sheet 1
Table 3.3-1, Sheet 3	Table 3.3-1, Sheet 3
Table 3.3-2, Sheets 1 and 2	Table 3.3-2, Sheets 1 and 2
Table 3.5-1, Sheets 1 through 3	Table 3.5-1, Sheets 1 through 3
Table 3.8-1, Sheets 1 and 2	Table 3.8-1, Sheets 1 and 2
Table 3.9-1, Sheets 1 through 4	Table 3.9-1, Sheets 1 through 10
Drawings 3.1-1 through 3.1-4	-----
4.0-1/4.0-2	4.0-1/4.0-2
4.1-1/4.1-2 through 4.1-7/4.1-8	4.1-1/4.1-2 through 4.1-7/blank
4.3-3/4.3-4	4.3-3/4.3-4
4.4-1/4.4-2	4.4-1/4.4-2
4.4-7/4.4-8	4.4-7/4.4-8
4.5-3/4.6-1 through 4.6-4/4.6-5	4.5-3/blank through 4.6-5/blank
4.7-1/4.7-2 and 4.7-3/4.7-4	4.7-1/4.7-2 and 4.7-3/4.7-4
4.8-1/4.8-2	4.8-1/4.8-2
5.1-1/5.1-2	5.1-1/5.1-2
5.2-1/5.2-2 and 5.2-3/5.2-4	5.2-1/5.2-2 and 5.2-3/blank
5.3-1/5.3-2	5.3-1/5.3-2
5.4-1/5.4-2 through 5.4-7/blank	5.4-1/5.4-2 through 5.4-7/blank
5.5-1/5.5-2	5.5-1/5.5-2
5.7-1/5.7-2 through 5.7-5/5.7-6	5.7-1/5.7-2 through 5.7-3/5.7-4
5.8-1/5.8-2	5.8-1/5.8-2
Table 5.0-1	Table 5.0-1
Table 5.2-1	Table 5.2-1