



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

August 27, 1981  
CPY-644-81

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

Dear Sir:

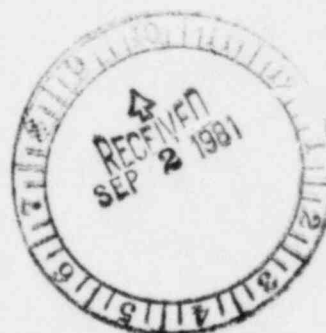
In accordance with the Trojan Plant Operating License, Appendix A  
US NRC Technical Specifications, Paragraph 6.9.1.9, attached is  
Licensee Event Report No. 81-16, concerning a situation where the "B"  
train hydrogen recombiner was inoperable.

Sincerely,

*RP Berkhusht*  
C. P. Yundt  
General Manager

CPY/MJA:na  
Attachments

c: LER Distribution List



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## REPORTABLE OCCURRENCE

1. Report No.: 81-16
2. a. Report Date: August 27, 1981  
b. Occurrence Date: July 28, 1981
3. Facility: Trojan Nuclear Plant, PO Box 439, Rainier, OR 97048
4. Identification of Occurrence:

Technical Specification 3.6.4.2 was not met when during a routine operator inspection it was discovered that the "B" train hydrogen recombiner was inoperable.

5. Conditions Prior to Occurrence:

Prior to the occurrence the plant was in Mode 1 at 80% reactor power.

6. Description of Occurrence:

During steady state operations with the plant at 80% power, the control room operator noticed that control power had been lost to the "B" train hydrogen recombiner.

7. Designation of Apparent Cause of Occurrence:

The loss of control power was due to inadvertent activation of the fire protection deluge system while welding in the electrical penetration area. This caused a short circuit in loss of control power to the hydrogen recombiner.

8. Analysis of Occurrence:

This event had no effect on plant or public safety since the redundant train hydrogen recombiner was operable.

9. Corrective Action:

Corrective action taken was to replace the shorted control power transformer. The hydrogen recombiner was then tested and declared operable. In addition, Maintenance personnel were counseled concerning proper ventilation for welding in enclosed areas and burning permits are under revision to verify that ventilation requirements are met.