

FGE



August 6, 1980  
CPY-770-80

Mr. R. H. Engelken, 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 3.6.1.2, attached is Licensee Event Report No. 80-13, concerning the results of Containment Local Leak Rate Testing.

Sincerely,

C. P. Yundt  
General Manager

*JCP*  
CPY/JCP:na  
Attachments

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## REPORTABLE OCCURRENCE

1. Report Number: 80-13
2. a. Report Date: August 6, 1980  
b. Occurrence Date: July 8, 1980
3. Facility: Trojan Nuclear Plant, PO Box 439, Rainier, Oregon 97048

4. Identification of Occurrence

The cumulative leakage through Type B and C containment valves measured during periodic leak rate testing exceeded the Standard Technical Specification limit.

5. Conditions Prior to Occurrence

The plant was in Mode 5, cold shutdown.

6. Description of Occurrence

Local leak rate testing (LLRT) was being conducted to verify the integrity of containment Type B and C penetrations. The LLRT test equipment had flow indication with a maximum range of 11,000 cc/min; and as a result, the absolute value of leakage above this amount could not be determined. Nine penetration valves were found to leak in excess of 11,000 cc/min. As a result, cumulative leakage for all containment penetrations and valves exceeded the Standard Technical Specification limit which is 23,615 cc/min.

7. Designation of Apparent Cause of Occurrence

See Table 1 for cause of leakage for individual valves.

8. Analysis of Occurrence

The event had no effect on either plant or public safety since redundant valves in the affected penetrations did not exceed leakage limits. All valves were repaired prior to plant startup.

9. Corrective Action

Each valve was repaired prior to heatup. See Table 1 for individual repairs. All valves were retested and found to be within limits.

TABLE 1

Penetration Number	Sys' #	Valve Number	Valve Type	Leakage Cause	Repairs
V-18	Containment Purge Inlet	MO10002	Motor Operated 54" Absolute Damper (Butterfly Valve)	Not Seating Properly	Repositioned Seat
P-21	Service Air	CV4470	2" Globe Valve Pneumatic Operated	Not Seating Properly	Repositioned Seat
P-57-2	Chilled Water	CV10014	Pneumatic Operated 4" Damper (Butterfly Valve)	Dislodged Seat	Repositioned Seat
P-68	Containment Hydrogen Vent Supply	MO10009	Motor Operated 8" Absolute Damper	Not seating Properly	Repositioned Seat
P-14-2	Process Sampling Sys. Accum. Sample Lines	MO56513	3/4" Motor Operated Globe Valve	Was not Seating Evenly	Lapped disc and seat
P-13	Containment Sump	CV4181 MO4180	3" Pneumatic Operated Gate Valve—3" Motor Operated Gate Valve	Grit in the Valves	Disassembled and cleaned
P-2-1	CVCS Letdown Line	CV81498	2" Pneumatic Operated Globe Valve	Defective Gasket	Replaced Gasket
P-101-1	Containment H <sub>2</sub> Vent	MO10008	8" Motor Operated Absolute Damper	Not seating properly	Repositioned Seat