

**OPERATING DATA REPORT**

DOCKET NO. 50-344  
 DATE 11-1-79  
 COMPLETED BY G. G. Bair  
 TELEPHONE 503/556-3713  
 Ext. 234

**OPERATING STATUS**

1. Unit Name: Trojan Nuclear Plant
2. Reporting Period: October 1979
3. Licensed Thermal Power (MWt): 3411
4. Nameplate Rating (Gross MWe): 1216
5. Design Electrical Rating (Net MWe): 1130
6. Maximum Dependable Capacity (Gross MWe): 1122
7. Maximum Dependable Capacity (Net MWe): 1080
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:

Notes
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9. Power Level To Which Restricted, If Any (Net MWe): \_\_\_\_\_
10. Reasons For Restrictions, If Any: \_\_\_\_\_

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	745 (time change)	7296	28374
12. Number Of Hours Reactor Was Critical	275.1	5161.6	16284
13. Reactor Reserve Shutdown Hours	0	8.9	2171.8
14. Hours Generator On-Line	274.2	5083.8	15624.2
15. Unit Reserve Shutdown Hours	0	0.5	1508.7
16. Gross Thermal Energy Generated (MWH)	860489	16948729	48887948
17. Gross Electrical Energy Generated (MWH)	279880	5533225	15983995
18. Net Electrical Energy Generated (MWH)	264093	5278784	15045383
19. Unit Service Factor	36.8	69.7	55.1
20. Unit Availability Factor	36.8	69.7	60.4
21. Unit Capacity Factor (Using MDC Net)	32.8	67.0	50.0
22. Unit Capacity Factor (Using DER Net)	31.4	64.0	46.9
23. Unit Forced Outage Rate	1.2	2.0	30.7

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):  
 Refueling, April 1980, 90 days 170 178

25. If Shut Down At End Of Report Period, Estimated Date of Startup: November 1979

26. Units In Test Status (Prior to Commercial Operation):	<b>Forecast</b>	<b>Achieved</b>
INITIAL CRITICALITY	NA	NA
INITIAL ELECTRICITY	NA	NA
COMMERCIAL OPERATION	NA	NA

APPENDIX B  
AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-344

UNIT Trojan

DATE 11-1-79

COMPLETED BY G. G. Bair

TELEPHONE 556-3713  
Ext. 234

MONTH October 1979

DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

1	1061
2	652
3	451
4	928
5	1064
6	1069
7	1066
8	1069
9	1066
10	1066
11	1070
12	559
13	-13
14	-4
15	-10
16	-11

DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

17	-12
18	-10
19	-9
20	-3
21	-3
22	-3
23	-3
24	-3
25	-3
26	-3
27	-3
28	-3
29	-4
30	-5
31	-6

1370 179

**INSTRUCTIONS**

On this form, list the average daily unit power level in MWe-Net for each day in the reporting month. Compute to the nearest whole megawatt.

These figures will be used to plot a graph for each reporting month. Note that when maximum dependable capacity is used for the net electrical rating of the unit, there may be occasions when the daily average power level exceeds the 100% line (or the restricted power level line). In such cases, the average daily unit power output sheet should be footnoted to explain the apparent anomaly.

**UNIT SHUTDOWNS AND POWER REDUCTIONS**

DOCKET NO. 50-344  
 UNIT NAME Trojan  
 DATE 11-1-79  
 COMPLETED BY C. G. Bair  
 TELEPHONE 556-3713  
 Ext. 234

REPORT MONTH October 1979

No.	Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Scramming Down Reactor <sup>3</sup>	Licensee Event Report #	System Code <sup>4</sup>	Component Code <sup>5</sup>	Cause & Corrective Action to Prevent Recurrence
79-12	791002	F	3.2	G	3	NA	NA	NA	Steam Line A MSIV closed accidentally when workmen disturbed an air line to the control solenoid valve. The reactor tripped on Lo-Lo level in A Steam Generator.
79-13	791012	S	467.8	A, D	1	NA	NA	NA	Scheduled outage occurred to permit NRC required inspection of hangers and restraints inside the containment and to plug small steam generator tube leaks in the A and D Steam Generators.

<sup>1</sup>  
 F: Forced  
 S: Scheduled

<sup>2</sup>  
 Reason:  
 A-Equipment Failure (Explain)  
 B-Maintenance or Test  
 C-Refueling  
 D-Regulatory Restriction  
 E-Operator Training & License Examination  
 F-Administrative  
 G-Operational Error (Explain)  
 H-Other (Explain)

<sup>3</sup>  
 Method:  
 1-Manual  
 2-Manual Scram.  
 3-Automatic Scram.  
 4-Other (Explain)

<sup>4</sup>  
 Exhibit G - Instructions for Preparation of Data Entry Sheets for Licensee Event Report (LER) File (NUREG-0161)

<sup>5</sup>  
 Exhibit I - Same Source

SUMMARY OF OPERATING EXPERIENCE

OPERATION:

The plant began the month at full power, sustained one inadvertent trip on 10-2-79, and shutdown on 10-12-79 to plug small leaks in the A and D steam generators amounting to 125 gallons per day and to inspect seismic hangers and restraints inside the containments.

A positive displacement charging pump packing leak was discovered and repaired that had been responsible for periodic increases in Auxiliary Building airborne activity levels.

Temporary backup RCS cooling hoses were placed in the field pending resolution of the seismic integrity of hanger support under block walls.

MAJOR SAFETY-RELATED MAINTENANCE:

Work continued on improvement modifications to the Plant Security and Fire Protection Systems.

Work continues on the program of upgrading pipe hanger and restraints for seismic loading. An inspection was conducted on the seismic hangers and restraints inside the containment. Some repairs were made as defects were found.

Work was completed on repairing hanger SA-83 to correct its seismic interface with a cinder block wall in the RHR pump room area.

Work was completed on steam generators A and D eddy current testing. Work began on steam generator tube plugging operation.

Work continued on a program to investigate stress corrosion cracking on stagnant water lines.

Completed the periodic overhaul of the electric fire pump.

Discovered and repaired a small surface crack found on the suction line pipe elbow of the south safety injection pump.

LICENSE CHANGES:

None.

MISCELLANEOUS:

During the steam generator eddy current testing, some contractor personnel were involved in radiological control incidents. One person received a dose of 2.9R which is near the quarterly dose limit of 3R. A few persons received some exposure without proper dosimetry. These circumstances are now under review.

An investigation began on the seismic integrity of some cinder block walls to which seismic hangers are attached.