

OPERATING DATA REPORT

DOCKET NO. 50-344  
 DATE 10-2-79  
 COMPLETED BY G. G. Bair  
 TELEPHONE 556-3713  
 Ext. 234

OPERATING STATUS

1. Unit Name: Trojan Nuclear Plant  
 2. Reporting Period: September 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

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	720	6551	27629
12. Number Of Hours Reactor Was Critical	680.1	4886.5	16008.9
13. Reactor Reserve Shutdown Hours	0	8.9	2171.8
14. Hours Generator On-Line	657.1	4809.6	15350.
15. Unit Reserve Shutdown Hours	0	0.5	1508.7
16. Gross Thermal Energy Generated (MWH)	2186661	16088240	48027459
17. Gross Electrical Energy Generated (MWH)	705935	5253345	15704115
18. Net Electrical Energy Generated (MWH)	673917	5014691	14781290
19. Unit Service Factor	91.3	73.4	55.6
20. Unit Availability Factor	91.3	73.4	61.0
21. Unit Capacity Factor (Using MDC Net)	86.7	70.9	50.7
22. Unit Capacity Factor (Using DER Net)	82.8	67.7	47.3
23. Unit Forced Outage Rate	8.7	2.0	31.1
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):			

25. If Shut Down At End Of Report Period, Estimated Date of Startup: \_\_\_\_\_  
 26. Units In Test Status (Prior to Commercial Operation):

	Forecast	Achieved
INITIAL CRITICALITY	NA	NA
INITIAL ELECTRICITY	NA	NA
COMMERCIAL OPERATION	NA	NA

POOR ORIGINAL

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APPENDIX B  
AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-344

UNIT Trojan

DATE 10-2-79

COMPLETED BY G. G. Bair

TELEPHONE 556-3713  
Ext. 234

MONTH September 1979

DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

1	<u>1056</u>
2	<u>1508</u>
3	<u>1061</u>
4	<u>1060</u>
5	<u>17</u>
6	<u>-31</u>
7	<u>133</u>
8	<u>818</u>
9	<u>1050</u>
10	<u>1058</u>
11	<u>1056</u>
12	<u>1053</u>
13	<u>1040</u>
14	<u>1021</u>
15	<u>1056</u>
16	<u>1057</u>

DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

17	<u>1048</u>
18	<u>1046</u>
19	<u>1054</u>
20	<u>1054</u>
21	<u>1057</u>
22	<u>1058</u>
23	<u>1058</u>
24	<u>1051</u>
25	<u>1054</u>
26	<u>1054</u>
27	<u>1064</u>
28	<u>1068</u>
29	<u>947</u>
30	<u>905</u>
31	<u>NA</u>

**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 10-2-79  
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 Ext. 234

REPORT MONTH September 1979

No.	Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Shutting Down Reactor <sup>3</sup>	Licensee Event Report #	System Code <sup>4</sup>	Component Code <sup>5</sup>	Cause & Corrective Action to Prevent Recurrence
79-11	790905	F	62.9	A	3	NA	EB	XXXXX	An electrical ground occurred in the power cable at the containment electrical penetration area for the D reactor coolant pump motor due to a cracked cable insulator. The ground resulted in tripping of the pump relay which in turn caused the reactor to trip. The cable was reinsulated by wrapping with electrical tape.

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

<sup>2</sup>  
 Reason:  
 A-Equipment Failure (Explain)  
 B-Maintenance of 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

(9/77)

POOR ORIGINAL

SUMMARY OF OPERATING EXPERIENCE

OPERATION:

The plant began and ended the month at full power, incurring one shutdown. The primary to secondary steam generator tube leak(s) from the A and/or D steam generators remained small at 40 gpd for most of the month, increasing to about 120 gpd at the end of the month.

An inadvertent safety injection actuation occurred on 9-6-79 when the inadvertent opening of the turbine control valves, while working on turbine EHC to correct a speed control oscillation, caused an SI signal due high steam flow and momentary low steam line pressure.

MAJOR SAFETY-RELATED MAINTENANCE:

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

Work continued on the upgrading of pipe hangers for seismic loadings.

The containment spray line restraints were repaired.

The electric fire pump underwent a scheduled overhaul.

LICENSE CHANGES:

None.

MISCELLANEOUS:

A leak was discovered and temporarily repaired on containment purge system exhaust line duct work.

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