

OPERATING DATA REPORT

DOCKET NO. 50-344
 DATE August 2, 1979
 COMPLETED BY C. G. Blair
 TELEPHONE 556-3713
 Ext. 234

OPERATING STATUS

1. Unit Name: Trojan Nuclear Plant
2. Reporting Period: July 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	<u>744</u>	<u>5087</u>	<u>26165</u>
12. Number Of Hours Reactor Was Critical	<u>687.4</u>	<u>3462.4</u>	<u>14584.8</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>8.9</u>	<u>2171.8</u>
14. Hours Generator On-Line	<u>666.7</u>	<u>3408.5</u>	<u>13948.9</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0.5</u>	<u>1508.7</u>
16. Gross Thermal Energy Generated (MWH)	<u>2174742</u>	<u>11364380</u>	<u>43303599</u>
17. Gross Electrical Energy Generated (MWH)	<u>699990</u>	<u>3726795</u>	<u>14177565</u>
18. Net Electrical Energy Generated (MWH)	<u>668390</u>	<u>3553924</u>	<u>13320523</u>
19. Unit Service Factor	<u>89.6</u>	<u>67.0</u>	<u>53.3</u>
20. Unit Availability Factor	<u>39.6</u>	<u>67.0</u>	<u>59.1</u>
21. Unit Capacity Factor (Using MDC Net)	<u>83.2</u>	<u>64.7</u>	<u>48.3</u>
22. Unit Capacity Factor (Using DER Net)	<u>79.5</u>	<u>61.8</u>	<u>45.1</u>
23. Unit Forced Outage Rate	<u>0.6</u>	<u>1.0</u>	<u>32.9</u>
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 Initial Status (Prior to Commercial Operation):	Forecast	Achieved
INITIAL CRITICALITY	<u>NA</u>	<u>NA</u>
INITIAL ELECTRICITY	<u>NA</u>	<u>NA</u>
COMMERCIAL OPERATION	<u>NA</u>	<u>NA</u>

504 343
 7908080 473.

APPENDIX B
AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-344

UNIT Trojan

DATE August 2, 1979

COMPLETED BY G. G. Bair

TELEPHONE 556-3713
Ext. 234

MONTH July 1979

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

1	<u>-16</u>
2	<u>-19</u>
3	<u>-21</u>
4	<u>268</u>
5	<u>938</u>
6	<u>1062</u>
7	<u>1063</u>
8	<u>904</u>
9	<u>1057</u>
10	<u>1062</u>
11	<u>804</u>
12	<u>1063</u>
13	<u>1066</u>
14	<u>1062</u>
15	<u>1031</u>
16	<u>991</u>

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

17	<u>1019</u>
18	<u>1043</u>
19	<u>1037</u>
20	<u>1060</u>
21	<u>1064</u>
22	<u>1066</u>
23	<u>1062</u>
24	<u>1064</u>
25	<u>1063</u>
26	<u>1063</u>
27	<u>1065</u>
28	<u>1067</u>
29	<u>901</u>
30	<u>931</u>
31	<u>1029</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 August 2, 1979
 COMPLETED BY G. G. Bair
 TELEPHONE 556-3713
 Ext. 234

REPORT MONTH: July 1979
 Page 1 of 2

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
79-5	790427	S	72.3	E	3	NA	NA	NA	NA
79-6	790704	S	1.3	B	1	NA	NA	NA	Turbine-generator control valve testing.
79-7	790707	F	0	A	4	NA	NA	NA	Circulating water pump packing overheated and required a 50% power reduction to accommodate removing the pump from service for repair. The pump packing split spacer had broken loose; it was removed and the packing replaced.
79-8	790711	F	3.7	A	3	NA	NA	NA	Turbine-generator underfrequency trip, occurred due to the failure of underfrequency relay 381 due to high temperature of relay and high ambient air temperature.
79-9	790729	F	0	A	4	NA	NA	NA	The suction bypass line on the north main FW pump developed a leak due to wear and vibration and required a power reduction of 35% to accommodate shutting down the pump for repair. A temporary repair weld was made on the line.

504 345

¹
 F: Forced
 S: Scheduled

²
 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)

³
 Method:
 1-Manual
 2-Manual Scram.
 3-Automatic Scram.
 4-Other (Explain)

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

⁵
 Exhibit I - Same Source

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-344
 UNIT NAME Trojan
 DATE August 2, 1979
 COMPLETED BY G. G. Bair
 TELEPHONE 556-3713
 Extension 234

REPORT MONTH July 1979
 Page 2 of 2

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
79-10	790730	F	0	A	4	NA	NA	NA	The section bypass line on the north main FW pump was replaced. The power was reduced 35% to accommodate shutting down the pump for repair.

¹ F: Forced
 S: Scheduled

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

³ Method:
 1-Manual
 2-Manual Scram.
 3-Automatic Scram.
 4-Other (Explain)

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

⁵ Exhibit I - Same Source

504 346

DOCKET NO: 50-344
DATE: August 2, 1979
COMPLETED BY: G. G. Bair
TELEPHONE: 503/556-3713
Ext. 234

SUMMARY OF OPERATING EXPERIENCE

OPERATION:

The plant attained criticality on 7-3-79 after concluding the spring maintenance-surveillance outage. Reactor operator training startups took place on 7-3-79. Power operation began on 7-4-79 and continued during the month. Occasional small power reductions due to high condenser back pressure were required during several hot days of the month.

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 loading.

The annual overhaul of the B service water pump began.

The steam generator feedwater nozzle welds were inspected. No cracks were identified.

LICENSE CHANGES:

None.