

## OPERATING DATA REPORT

DOCKET NO. 50-366  
 DATE 5-5-80  
 COMPLETED BY G. C. Blair  
 TELEPHONE 556-3717  
 Ext. 234

OPERATING STATUS

1. Unit Name: Trojan Nuclear Plant  
 2. Reporting Period: April 1980  
 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	719	2903	32111
12. Number Of Hours Reactor Was Critical	257.7	2422	18720
13. Reactor Reserve Shutdown Hours	0	0	2171.8
14. Hours Generator On-Line	257.4	2416.7	18044.5
15. Unit Reserve Shutdown Hours	0	0	1508.7
16. Gross Thermal Energy Generated (MWH)	569119	6839434	55735043
17. Gross Electrical Energy Generated (MWH)	178165	2203790	18189205
18. Net Electrical Energy Generated (MWH)	164714	2094975	17128294
19. Unit Service Factor	35.8	83.3	56.2
20. Unit Availability Factor	35.8	83.3	60.9
21. Unit Capacity Factor (Using MDC Net)	21.2	66.8	49.4
22. Unit Capacity Factor (Using DER Net)	20.3	63.9	47.2
23. Unit Forced Outage Rate	0	1.0	27.8
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: June 1980  
 26. Units In Test Status (Prior to Commercial Operation):

	Forecast	Achieved
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 5-5-80  
 COMPLETED BY G. G. Bair  
 TELEPHONE 556-3713  
                   Ext. 234

MONTH April 1980

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	648
2	647
3	654
4	651
5	655
6	656
7	654
8	650
9	648
10	645
11	442
12	-17
13	-7
14	-10
15	-8
16	-9

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	-3
18	-3
19	-3
20	-3
21	-3
22	-2
23	-2
24	-3
25	-3
26	-2
27	-2
28	-2
29	-3
30	-3
31	NA

**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 5-5-80  
 COMPLETED BY C. C. Bair  
 TELEPHONE 556-3213  
 Ext. 234

REPORT MONTH April

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
80-04	800411	S	461.6	C	1	NA	NA	NA	NA

**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

DOCKET NO: 50-344  
DATE: 5-5-80  
COMPLETED BY: G. G. Bair  
TELEPHONE: 503-556-3713  
Ext. 234

### SUMMARY OF OPERATING EXPERIENCE

#### OPERATION:

The plant began the month at reduced power coastdown as required to reach the refueling date. The plant shutdown on 4-11-80 for the Cycle 2-3 refueling.

The fuel movement began on 4-24-80.

The spent fuel examination program discovered two fuel assemblies (D38 and C18) that sustained extensive fuel damage to a single rod in each assembly. The fuel rod damaged was located at the third pin position in from the corner and was immediately facing the outside core baffle plate joint. It is speculated that the internals baffle plate joint gaps are slightly open permitting water-jet impingement on a single fuel rod of certain perimeter assemblies.

#### MAJOR SAFETY-RELATED MAINTENANCE:

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

Work began on the removal for analysis of 29 steam generator D Row 1 tubes.

Work began on Inservice Inspection of Class 1, 2 and 3 equipment.

Work began on Local Leak Rate Testing.

Work continued on radiographic examination of feedwater lines for cracks.

Work continued on modification of piping systems restraints and supports.

Work began on several TMI-related design modifications (RV head vent, RV water level, containment water level, post LOCA environment electrical equipment assessment, safe shutdown remote instrumentation and decouple switches, separate power supply to steam PORV and AFWP pressure instrument).

Work continued on masonry wall inspection, review and repair.

Work began on MSIV inspection and investigation.

#### LICENSE CHANGES:

Amendment #43, LCR-TNP-80-02, LCA-59; Changed temporarily the surveillance interval associated with control rod drop testing to permit an extension of two days.

#### MISCELLANEOUS:

Small amounts of tremors and volcanic activity continued at Mt. St. Helens sporadically throughout the month. Though no lava has been discharged, local mountain deformations and tremors ranging up to 4.5 Richter have occurred. No plant seismic movements have been measured.

The ASLB hearings on the Control Building seismic modifications recommenced on 4-16-80 and concluded on 4-17-80. The NRC Staff agrees with PGE's analysis of the adequacy of the proposed modifications.

Turbine-generator high pressure cell inspection and CV overhaul began.