OPERATING DATA REPORT

DOCKET NO. 50-344
DATE August 5, 1980
COMPLETED BY G. G. Bair
TELEPHONE 556-3713
Ext. 234

OPERATING STATUS

1. Unit Name: Trojan Nuclear Plant
2. Reporting Period: July 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	744	5111	34319
12. Number Of Hours Reactor Was Critical	371.4	2793.4	19091.4
13. Reactor Reserve Shutdown Hours	0	0	2171.8
14. Hours Generator On-Line	282.5	2699.2	18327
15. Unit Reserve Shutdown Hours	0	0	1508.7
16. Gross Thermal Energy Generated (MWH)	741514	7580948	56476557
17. Gross Electrical Energy Generated (MWH)	229385	2433175	18418590
18. Net Electrical Energy Generated (MWH)	208586	2297481	17330800
19. Unit Service Factor	38.0	52.8	53.4
20. Unit Availability Factor	38.0	52.8	57.8
21. Unit Capacity Factor (Using MDC Net)	26.0	41.6	46.8
22. Unit Capacity Factor (Using DER Net)	24.8	39.8	44.7
23. Unit Forced Outage Rate	61.7	19.9	29.3

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
Design modifications from TMI, October 1980, 30 days

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

APPENDIX B
AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-344
UNIT Trojan
DATE Aug. 5, 1980
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MONTH July 1980

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	-4	17	-30
2	-9	18	-30
3	-11	19	24
4	-7	20	119
5	-7	21	354
6	-5	22	419
7	-5	23	447
8	-5	24	531
9	-7	25	796
10	-20	26	965
11	-18	27	1035
12	-17	28	1051
13	-12	29	1075
14	-20	30	1076
15	-32	31	1077
16	-32		

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

REPORT MONTH July 1980

DOCKET NO. 50-344
UNIT NAME Trojan
DATE Aug. 5, 1980
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TELEPHONE 556-3713
Ext. 234

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
80-04	800622	F	445.2	D	NA	LER-80-07	NA	NA	NA
80-05	800719	S	7.3	B	1	NA	NA	NA	NA
80-06	800720	F	9.0	G	3	NA	NA	NA	SG C Lo-Lo level trip occurred during turbine loading at low power while on manual SG level control.

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 (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

(9/77)

DOCKET NO.: 50-344
DATE: 8-5-80
COMPLETED BY: G. G. Bair
TELEPHONE: 503/556-3713
Ext. 234

SUMMARY OF OPERATING EXPERIENCE

OPERATION:

The refueling outage ended during July. The plant began heatup on July 10, 1980 and reactor criticality occurred on July 16, 1980 at 0250. Low power physics testing commenced and the turbine-generator was synched on at 1318 on July 19, 1980. Full power operation was attained on July 26, 1980.

Physics startup tests indicated that the core had larger than expected radial power tilting although technical specification limits are being met.

Steam generator primary-to-secondary leakage has been reduced to about five gallons per day.

MAJOR SAFETY-RELATED MAINTENANCE:

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

Work continued on survey and modification of plant walls and pipe supports.

Work continued on several TMI-related design modifications.

LICENSE CHANGES:

Amendment 46; Changes reactor coolant pump breaker anticipatory trip logic in STS Table 3.3-1.

Amendment 47; Control building modification work license conditions and STS 5.7.2.1 to reference PGE-1020 and license conditions.
Amendment 46b (48); Incorporates improved Thermal-Hydraulic Design procedures WRB-1 correlation and associated STS changes.

MISCELLANEOUS:

The ASLB approved PGE's design proposal for strengthening the control building walls.

Mt. St. Helens again became sizeably active on July 22, 1980 when steam and ash eruptions accompanied by seismic activity at the mountain occurred. No effects were noted at the Trojan site.