OPERATING DATA REPORT

DOCKET NO. 50-344
DATE 12-4-81
COMPLETED BY G. J. Kent
TELEPHONE (503)556-3713 ext. 294

OPERATING STATUS

1. Unit Name: Trojan Nuclear Plant
2. Reporting Period: November 1981
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:

NONE

Notes
Correction to "Gray Book" (NUREG-0020) Sept. 1981 Section 3 Appendix: Trojan spent fuel pool contains 184 discharged fuel assemblies vice 128 as indicated.

9. Power Level To Which Restricted, If Any (Net MWe): NONE
10. Reasons For Restrictions, If Any: N/A

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	720	8016	46008
12. Number Of Hours Reactor Was Critical	720	5957.9	28719.2
13. Reactor Reserve Shutdown Hours	0	0	2171.8
14. Hours Generator On-Line	720	5750.6	27744.1
15. Unit Reserve Shutdown Hours	0	0	1508.7
16. Gross Thermal Energy Generated (MWH)	2453154	18415275	86981957
17. Gross Electrical Energy Generated (MWH)	791475	5977135	28352521
18. Net Electrical Energy Generated (MWH)	751417	5647849	26754608
19. Unit Service Factor	100.0	71.7	60.3
20. Unit Availability Factor	100.0	71.7	63.6
21. Unit Capacity Factor (Using MDC Net)	96.6	65.2	53.8
22. Unit Capacity Factor (Using DER Net)	92.3	62.3	51.4
23. Unit Forced Outage Rate	0.0	5.5	22.2

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):

NONE

25. If Shut Down At End Of Report Period, Estimated Date of Startup: N/A

26. Units In Test Status (Prior to Commercial Operation):	Forecast	Achieved
INITIAL CRITICALITY	N/A	N/A
INITIAL ELECTRICITY	N/A	N/A
COMMERCIAL OPERATION	N/A	N/A

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AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-344
UNIT Trojan
DATE 12/4/81
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TELEPHONE 503/556-3713 ext. 294

MONTH November

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	1012	17	1043
2	1044	18	1059
3	1050	19	1058
4	1053	20	1048
5	1052	21	1038
6	1051	22	1041
7	1049	23	1042
8	1048	24	1045
9	1044	25	1042
10	1036	26	1044
11	1032	27	1044
12	1040	28	1043
13	1037	29	1045
14	1042	30	1041
15	1043	31	N/A
16	1044		

INSTRUCTIONS

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

(9/77)

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-344
UNIT NAME Trojan
DATE 12/4/81
COMPLETED BY G. J. Kent
TELEPHONE (503)556-3713 ext. 294

REPORT MONTH November

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
	NONE								

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

(9/77)

DOCKET NO: 50-344
DATE: 12/04/81
COMPLETED BY: G. J. Kent
TELEPHONE: (503)556-3713
Extension 294

SUMMARY OF OPERATING EXPERIENCE

OPERATION:

The Trojan Nuclear Plant operated at or near 100% during the month of November 1981. On November 8, the Pressurizer Relief Line High Temperature Alarm was received approximately 30 minutes following performance of the monthly pressurizer PORV and Block Valve Inservice Test (POT-5-5DB). The relief line temperature on TI-463 had increased from 111°F to 140°F and was still rising. It was determined that PCV-456 apparently had not seated properly. The upstream block valve was then shut. Later that day, the preferred instrument bus Y24 failed due to the loss of the No. 4 inverter (Y23). Power to Y24 was switched from the No. 4 inverter to Y02 and no plant trip occurred. The voltage regulating transformer (SOLA) in No. 4 inverter was found to be the cause of the inverter failure. It was replaced and the inverter was returned to service. The plant continued at 100% the remainder of the month without incident.

MAJOR SAFETY RELATED MAINTENANCE:

Replaced mechanical seal on South Centrifugal Charging Pump.
Replaced mechanical seal on North Boron Injection Tank Recirc Pump.
Replaced four air motors on East Emergency Diesel Generator Set (two per engine).
Completed "A" Train Safety Injection Pump bearing inspection and oil change.

MISCELLANEOUS MAINTENANCE:

Completed reinstallation of Electric Auxiliary Feedwater Pump.
Replaced bearing in East Turbine Building Cooling Water Pump.
Replaced East Boric Acid Evaporator Rupture Disc.
Completed installation of new Oil Waste Separator System.
Continued work on Reactor Vessel Level Indicating System tubing outside containment.

LICENSE CHANGES:

None.

MISCELLANEOUS:

Major winter storm moved through the area on November 13. Power outages were common in the western portion of the state. Maximum wind at site was 83 MPH at 500 Feet and 62 MPH at 33 feet. Damage was limited to downed branches and one empty trailer upset on site.

Completed Technical Support Center exterior work; the building is targeted for occupancy during December 1981.

Radiological Emergency Response Plan dose assessment exercise was successfully completed November 17.

MISCELLANEOUS (Contd.):

Two representatives of Sandia National Laboratories completed installation of an unattended surveillance television and recording system (STAR) in the Fuel Building to monitor the spent fuel pool. The installation of the system is a result of an NRC request that PGE assist in a field evaluation of the STAR system developed under the U.S. Technical Support Program to the International Atomic Energy Agency.