

TROJAN NUCLEAR PLANT
SUMMARY OF OPERATING EXPERIENCE

DOCKET NO: 50-344
DATE: 12-06-85
COMPLETED BY: F. J. Ulmer
TELEPHONE: 503-556-3713

OPERATIONS:

The plant began the month at full power and maintained full power throughout the month.

A small tube leak developed in the 'C' steam generator. The tube leak rate was about 5 gallons per day early in the month and increased slowly to about 70 gallons per day at month's end.

The reactor coolant system dose equivalent iodine remained steady at 16% of the limit.

MAJOR SAFETY RELATED MAINTENANCE:

1. 'A' Train ESF equipment outage for miscellaneous work.
2. 'B' Train ESF equipment outage for miscellaneous work.

MISCELLANEOUS MAINTENANCE:

1. Modified the Fire Detection system.
2. Completed modifications to the Steam Generator Blowdown system and repair of the blowdown tank relief valve.
3. Repaired leaks in waste gas collection system.
4. Continued efforts to locate/repair condenser air inleakage.
5. Repaired boric acid evaporators.

LICENSE CHANGES:

None

MISCELLANEOUS:

An NRC team completed an Appendix R exemption request review.

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OPERATING DATA REPORT

DOCKET NO. 50-344
 DATE 12-06-85
 COMPLETED BY E. J. Ulmer
 TELEPHONE 503-556-3713
 Ext. 495

OPERATING STATUS

1. Unit Name: Trojan Nuclear Plant
2. Reporting Period: November 1985
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:
n/a

Notes

9. Power Level To Which Restricted, If Any (Net MWe): n/a
10. Reasons For Restrictions, If Any: n/a

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	720	8016	81072
12. Number Of Hours Reactor Was Critical	720	6060.7	48806
13. Reactor Reserve Shutdown Hours	0.0	0.0	3887
14. Hours Generator On-Line	720	5974.7	48310
15. Unit Reserve Shutdown Hours	0.0	0.0	3249
16. Gross Thermal Energy Generated (MWH)	2,455,453	20,007,245	152,417,629
17. Gross Electrical Energy Generated (MWH)	797,762	6,440,939	49,996,719
18. Net Electrical Energy Generated (MWH)	761,025	6,127,690	47,308,220
19. Unit Service Factor	100.0	74.5	59.6
20. Unit Availability Factor	100.0	74.5	63.6
21. Unit Capacity Factor (Using MDC Net)	97.9	70.8	54.0
22. Unit Capacity Factor (Using DER Net)	93.5	67.6	51.6
23. Unit Forced Outage Rate	0.0	4.8	15.9

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

Cycle 8/9 Refueling Outage Scheduled for 4-28-86

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

26. Units In Test Status (Prior to Commercial Operation):

INITIAL CRITICALITY
 INITIAL ELECTRICITY
 COMMERCIAL OPERATION

Forecast

Achieved

n/a
n/a
n/a

n/a
n/a
n/a

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO: 50-344

UNIT: Trojan

DATE: 12-06-85

COMPLETED BY: F. J. Ulmer

TELEPHONE: 503-556-3713
Ext. 495

MONTH NOVEMBER 1985

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	1060	17	1054
2	1055	18	1054
3	1055	19	1052
4	1058	20	1053
5	1059	21	1053
6	1056	22	1054
7	1051	23	1056
8	1062	24	1057
9	1065	25	1057
10	1064	26	1057
11	1061	27	1058
12	1060	28	1059
13	1059	29	1059
14	1058	30	1057
15	1057	31	n/a
16	1054		

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.

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH NOVEMBER 1985

DOCKET NO. 50-344
 UNIT NAME Trojan
 DATE 12-06-85
 COMPLETED BY E. J. Ulmer
 TELEPHONE 503-397-3267
 Ext. 495

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	License Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
	NONE								

1 F: Forced
S: Scheduled

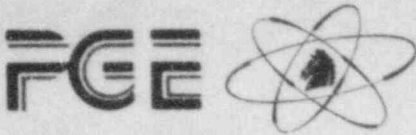
2 Reason:
 A-Equipment Failure (Explain)
 B-Maintenance of Test
 C-Retueling
 D-Regulatory Restriction
 E-Operator Training & License Examination
 F-Administrative
 G-Operational Error (Explain)
 H-Other (Explain)

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

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

5 Exhibit I - Same Source

(9/77)



Portland General Electric Company
Trojan Nuclear Plant
P.O. Box 439
Rainier, Oregon 97048
(503) 556-3713

December 6, 1985
WSO-703-85

Office of Resource Management
US Nuclear Regulatory Commission
Washington, DC 20555

Gentlemen:

In accordance with the Trojan Nuclear Plant Technical Specifications reporting requirements, the monthly operating data report is submitted for November, 1985.

Sincerely,

W. S. Orser
General Manager

Attachments

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