



Portland General Electric Company
Trojan Nuclear Plant
71760 Columbia River Hwy
Rainier, Oregon 97048
(503) 556-3713

October 5, 1990
WRR-116-90

US Nuclear Regulatory Commission
Document Control Desk
Washington, DC 20555

Gentlemen:

Monthly Operating Report

In accordance with the Trojan Nuclear Plant Technical Specifications reporting requirements, the Monthly Operating Data Report is submitted for September, 1990.

Sincerely,

W. R. Robinson
Plant General Manager

WRR:sp
Attachment

c: Mr. John B. Martin
Regional Administrator, Region V
US Nuclear Regulatory Commission

Mr. David Stewart-Smith
Department of Energy
State of Oregon

Resident Inspector

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TROJAN NUCLEAR PLANT

Trojan Operating Report

September 1990

OPERATIONS

The plant began the month in Mode 1 generating at 100% power and continued at 100% power operation until 2253 on September 24th when the turbine generator was taken off-line to repair a tube leak in the "C" condenser.

The reactor was taken subcritical at 0049 on September 25th. While the plant was down, repairs were completed on the "B" centrifugal charging pump.

When starting up on September 25th after condenser repairs were completed, another condenser tube leak occurred and the plant was shutdown to make repairs.

Upon completion of the second tube leak, the reactor was taken critical at 0040 on September 26th. When attempting to synchronize the generator to the grid, the generator output breaker failed to properly shut.

The plant was taken subcritical at 0829 on September 26th. With the plant in Mode 3, inspections of the generator output breaker and the turbine were performed.

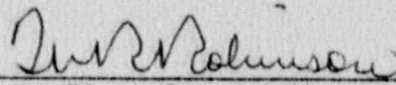
The plant ended the month in Mode 3 with turbine inspections in process.

MAJOR MAINTENANCE COMPLETED

Significant maintenance completed during the month:

- Repair of the condenser tube leaks.
- Repair of the CCP seal leak.
- Repair of the generator output breaker.
- Repair of an SI system check valve.

Approved



Plant General Manager

OPERATING DATA REPORT

DOCKET NO. 50-344
 DATE October, 1990
 COMPLETED BY F. J. Ulmer
 TELEPHONE 503-556-3713
 Ext. 4495

OPERATING STATUS

1. Unit Name: Trojan Nuclear Plant
2. Reporting Period: September, 1990
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): 1153
7. Maximum Dependable Capacity (Net MWe): 1095
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	6551	123431
12. Number Of Hours Reactor Was Critical	579.9	3723.5	76681.7
13. Reactor Reserve Shutdown Hours	0	0	3387
14. Hours Generator On-Line	574.9	3582.2	74956.4
15. Unit Reserve Shutdown Hours	0	0	3249
16. Gross Thermal Energy Generated (MWH)	1947755	12024654	240968911
17. Gross Electrical Energy Generated (MWH)	655600	4029730	79400569
18. Net Electrical Energy Generated (MWH)	619473	3810904	75208031
19. Unit Service Factor	79.8	54.7	60.7
20. Unit Availability Factor	79.8	54.7	63.4
21. Unit Capacity Factor (Using MDC Net)	78.6	53.1	56.9
22. Unit Capacity Factor (Using DER Net)	76.1	51.5	53.9
23. Unit Forced Outage Rate	20.2	7.4	13.0

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: October, 1990

	Forecast	Achieved
INITIAL CRITICALITY	<u>N/A</u>	<u>N/A</u>
INITIAL ELECTRICITY	<u>N/A</u>	<u>N/A</u>
COMMERCIAL OPERATION	<u>N/A</u>	<u>N/A</u>

AVERAGE DAILY UNIT POWER LEVEL

DOCKE NO: 50-344

UNIT: Trojan

DATE: October, 1990

COMPLETED BY: F. J. Ulmer

TELEPHONE: 503 556-3713
ext4495

MONTH September, 1990

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	1099	17	1091
2	1098	18	1091
3	1098	19	1090
4	1091	20	1089
5	1098	21	1087
6	1095	22	1077
7	1097	23	1091
8	1087	24	855
9	1098	25	-38
10	1095	26	-41
11	1100	27	-41
12	1100	28	-31
13	1097	29	-24
14	1095	30	-19
15	1094	31	
16	1092		

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.