

OPERATING DATA REPORT

DOCKET NO. 50-344
 DATE 01-03-83
 COMPLETED BY G.J.Kent
 TELEPHONE (503) 556-3713
 Extension 294

OPERATING STATUS

1. Unit Name: TROJAN NUCLEAR PLANT
2. Reporting Period: December, 1982
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:
NA

Notes

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

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	744	8,760.0	55,512
12. Number Of Hours Reactor Was Critical	744	4,895.3	33,358.5
13. Reactor Reserve Shutdown Hours	0.0	571.3	2,743.1
14. Hours Generator On-Line	744	4,754.3	33,242.4
15. Unit Reserve Shutdown Hours	0.0	571.3	2,080.0
16. Gross Thermal Energy Generated (MWH)	2,524,054	15,601,588	105,120,364
17. Gross Electrical Energy Generated (MWH)	838,719	5,076,565	34,245,936
18. Net Electrical Energy Generated (MWH)	796,160	4,792,041	32,299,730
19. Unit Service Factor	100.0	54.3	59.9
20. Unit Availability Factor	100.0	60.8	63.6
21. Unit Capacity Factor (Using MDC Net)	99.1	50.7	53.9
22. Unit Capacity Factor (Using DER Net)	94.7	48.4	51.5
23. Unit Forced Outage Rate	0.0	6.4	19.9

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

Refueling, April 29, 1983 (60 Days)

25. If Shut Down At End Of Report Period, Estimated Date of Startup: NA
26. Units In Test Status (Prior to Commercial Operation):

INITIAL CRITICALITY
 INITIAL ELECTRICITY
 COMMERCIAL OPERATION

Forecast	Achieved
NA	NA
NA	NA
NA	NA

SUMMARY OF OPERATING EXPERIENCE

DOCKET NO: 50-344
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OPERATION: The plant entered December operating at 100% power. On December 4 power was reduced to 75% for approximately 8 hours to perform PET-2 incore/excore detector calibration and then raised back to 100%. On December 17 an instrument air line, brazed joint, parted resulting in a steam control valve to the main air ejector going closed. Vacuum dropped and load was reduced to 72%. The bypass control valve was opened and vacuum regained. The air line was repaired and power returned to 100% within 3 hours. At 1630 on December 22 a 500 KV line to California was lost resulting in an approximate 30 MW load rejection. On December 23 at 2345 hours another load rejection (35 MW) occurred due to grid disturbances while performing control valve testing at 94% power. Power was increased to 100% shortly after midnight and remained at 100% for the duration of December.

MAJOR SAFETY-RELATED MAINTENANCE: Completed prefabrication work on DBA sequencer. Will replace both train sequencers in early January, 1983.
Completed semiannual preventive maintenance on east and west emergency diesel generators.
Completed work on 61' level switchgear room smoke exhaust system.
Repaired leak between RHR check valve and MO-8812 RWST supply valve.
Replaced bearings in jockey fire pump, P-112.
Continued control building modification — installed sulfur dioxide and ammonia analyzers in ventilation system which will be tested in January, 1983.

MISCELLANEOUS MAINTENANCE: Replaced main steam isolation valve from startup boiler.
Repaired P-250 plant computer.
Continued work on P-2500 TSC computer to P-250 tie-ins.
Replaced bearing in south rod drive motor generator.

LICENSE CHANGES: (December 6, 1982)
LCA 78 added operability and surveillance requirements to the reactor coolant overpressure mitigation system (OMS).

MISCELLANEOUS: Received a false bomb threat by telephone at 0110 on December 17.
Security and Operations tours failed to find any explosives.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-344

UNIT Trojan

DATE 01-03-83

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MONTH DECEMBER, 1982

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>1078</u>
2	<u>1075</u>
3	<u>1071</u>
4	<u>935</u>
5	<u>1079</u>
6	<u>1077</u>
7	<u>1079</u>
8	<u>1079</u>
9	<u>1079</u>
10	<u>1075</u>
11	<u>1079</u>
12	<u>1078</u>
13	<u>1075</u>
14	<u>1073</u>
15	<u>1070</u>
16	<u>1073</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>1047</u>
18	<u>1076</u>
19	<u>1077</u>
20	<u>1076</u>
21	<u>1075</u>
22	<u>1077</u>
23	<u>1076</u>
24	<u>1077</u>
25	<u>1076</u>
26	<u>1075</u>
27	<u>1076</u>
28	<u>1076</u>
29	<u>1073</u>
30	<u>1072</u>
31	<u>1071</u>

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 DECEMBER, 1982

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DATE 01-10-83
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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
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 ☒ - Instructions
for Preparation of Data
Entry Sheets for Licensee
Event Report (LER) File (NUREG-
0161)

5
Exhibit I - Same Source

(9/77)