

OPERATING DATA REPORT

DOCKET NO. 50-344
 DATE 5-1-85
 COMPLETED BY L. A. Wildfong
 TELEPHONE (503) 556-3713
 Ext. 397

OPERATING STATUS

1. Unit Name: Trojan
2. Reporting Period: April 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 | <u>719</u> | <u>2879</u> | <u>75,935</u> |
| 12. Number Of Hours Reactor Was Critical | <u>719.0</u> | <u>2736.9</u> | <u>45,482.6</u> |
| 13. Reactor Reserve Shutdown Hours | <u>0.0</u> | <u>0.0</u> | <u>3,887.4</u> |
| 14. Hours Generator On-Line | <u>719.0</u> | <u>2719.5</u> | <u>45,055.0</u> |
| 15. Unit Reserve Shutdown Hours | <u>0.0</u> | <u>0.0</u> | <u>3,249.0</u> |
| 16. Gross Thermal Energy Generated (MWH) | <u>2,435,935</u> | <u>9,113,046</u> | <u>143,099,208</u> |
| 17. Gross Electrical Energy Generated (MWH) | <u>770,374</u> | <u>2,914,002</u> | <u>46,469,782</u> |
| 18. Net Electrical Energy Generated (MWH) | <u>736,896</u> | <u>2,781,444</u> | <u>43,931,974</u> |
| 19. Unit Service Factor | <u>100.0</u> | <u>94.5</u> | <u>59.3</u> |
| 20. Unit Availability Factor | <u>100.0</u> | <u>94.5</u> | <u>63.6</u> |
| 21. Unit Capacity Factor (Using MDC Net) | <u>94.9</u> | <u>89.5</u> | <u>53.6</u> |
| 22. Unit Capacity Factor (Using DER Net) | <u>90.7</u> | <u>85.5</u> | <u>51.2</u> |
| 23. Unit Forced Outage Rate | <u>0.0</u> | <u>6.1</u> | <u>16.6</u> |

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

Cycle 7/8 refueling outage scheduled for shutdown on May 2, 1985
and power escalation on July 8, 1985.

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 | <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> |

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(9/77)

SUMMARY OF OPERATING EXPERIENCE

DOCKET NO: 50-344

DATE: 5-1-85

COMPLETED BY: L. A. Wildfong

TELEPHONE: 503-556-3713

Ext. 397

OPERATION: The plant averaged between 98% and 100% power for the month of April. Operations was slightly limited due to difficulty in controlling Feedwater Heater levels due to leakage in heaters 2 and 4, and erratic operation of the EHC Control System. The plant experienced some small (approximately 40 MWe) load perturbations (increases) during the month due to EHC control problems with the load limit potentiometer. On April 12 at 0116, power was reduced by 10% for turbine valve testing, and held at 90% from 0134 to 0210. Reactor Power was returned to 100% at 0230. On the 15th one steam line high flow bistable came in momentarily. Dose equivalent iodine was approximately constant at 25%.

MAJOR SAFETY-RELATED MAINTENANCE:

1. 'A' hydrogen recombiner temperature controller inspected.
2. 'B' emergency diesel generator speed switch/governor repaired.
3. Replaced mechanical seal on 'D' service water booster pump.
4. Replaced oil seal and bearings on 'B' boric acid transfer pump.
5. 'B' auxiliary feed pump coupling inspected for wear and/or key shift.
6. 'B' train ESF equipment room coolers cleaned and inspected.
7. Preventive maintenance performed on MOVs:
 - a. MO-8700B (RHR suction valve) & MO-8804B (RHR to S1 suction valve).
 - b. MO-8807B (SL to RHR cross-connect) & MO-8703 (RHR disch to hot legs 2 & 4).

MISCELLANEOUS MAINTENANCE:

1. Performed 5 year preventive maintenance on chlorinator evaporators.
2. Repaired spent fuel pool bridge crane hoist.
3. Overhauled 'A' screen wash pump.
4. Performed preventive maintenance on breakers from A2 for Joy Air Compressor and 'C' CCW pump.
5. Vented 'C' Reactor Coolant Pump seal water flow transmitter.
6. Continued spent fuel pool reracking.
7. Repaired stator cooling sample valve.
8. Continued main steam support structure weather proofing.
9. Fire proofed structural steel in 'A' EDG Room.

LICENSE CHANGES:

Amendment No. 104 to the Technical Specifications clarifies surveillance testing requirements for the pressurizer power-operated relief valves when used for low temperature overpressure mitigation. Also included is an amendment to the bases for thermal-hydraulic limits to incorporate changes due to the upflow modification to the reactor vessel internals. Amendment No. 105 incorporates additional Technical Specifications for equipment added for Post-TMI improvements approved by the NRC in NUREG 0737. The equipment, which has been added in response to NRC Generic Letter 83-37, is as follows: Noble gas monitors, containment high range radiation monitors, containment water level monitors, and sulfur dioxide detectors to meet Control Room habitability requirements.

SUMMARY OF OPERATING EXPERIENCE

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MISCELLANEOUS:

The plant transferred to Pacific Daylight Time at 0200 on April 28.
Operating data reflects losing one hour in advancing the clock.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO: 50-344

UNIT: Trojan

DATE: 5-1-85

COMPLETED BY: L. A. Wildfong

TELEPHONE: (503) 556-3713

Ext. 397

MONTH April 1985

| DAY | AVERAGE DAILY POWER LEVEL (MWe-Net) | DAY | AVERAGE DAILY POWER LEVEL (MWe-Net) |
|-----|--|-----|--|
| 1 | <u>1025</u> | 17 | <u>1022</u> |
| 2 | <u>1020</u> | 18 | <u>1024</u> |
| 3 | <u>1015</u> | 19 | <u>1024</u> |
| 4 | <u>1034</u> | 20 | <u>1032</u> |
| 5 | <u>1032</u> | 21 | <u>1033</u> |
| 6 | <u>1029</u> | 22 | <u>1022</u> |
| 7 | <u>1029</u> | 23 | <u>1025</u> |
| 8 | <u>1027</u> | 24 | <u>1023</u> |
| 9 | <u>1027</u> | 25 | <u>1023</u> |
| 10 | <u>1032</u> | 26 | <u>1022</u> |
| 11 | <u>1029</u> | 27 | <u>1019</u> |
| 12 | <u>1025</u> | 28 | <u>979</u> |
| 13 | <u>1028</u> | 29 | <u>1022</u> |
| 14 | <u>1026</u> | 30 | <u>1019</u> |
| 15 | <u>1017</u> | 31 | <u>n/a</u> |
| 16 | <u>1019</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 April 1985

DOCKET NO. 50-344
 UNIT NAME Trojan
 DATE 5-1-85
 COMPLETED BY L. A. Wildgen
 TELEPHONE (503) 556-3713
 Ext. 397

| 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)

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Exhibit I - Same Source

(9/77)

FGE



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

May 6, 1985
WSO-337-85

Office of Resource Management
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Gentlemen:

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

Sincerely,

W. S. Orser
General Manager

WSO/GGB/LAW:st

Attachments

c: MOR Distribution
File 93.2b (Q)

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