

MAINE YANKEE NUCLEAR POWER STATION

MONTHLY STATISTICAL REPORT 82-9

FOR THE MONTH OF SEPTEMBER, 1982

8211110200 821006
PDR ADOCK 05000309
R PDR

OPERATING DATA REPORT

DOCKET NO. 50-309
 DATE 821006
 COMPLETED BY J. Phillips
 TELEPHONE (617) 872-8100 X2390

OPERATING STATUS

1. Unit Name: Maine Yankee
2. Reporting Period: September, 1982
3. Licensed Thermal Power (MWt): 2630
4. Nameplate Rating (Gross MWe): 864
5. Design Electrical Rating (Net MWe): 825
6. Maximum Dependable Capacity (Gross MWe): 850
7. Maximum Dependable Capacity (Net MWe): 810
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:

Notes

Power level restricted by steam flow through #1 low pressure turbine.

9. Power Level To Which Restricted, If Any (Net MWe): 835 MWe (≈97%)
10. Reasons For Restrictions, If Any: See notes

| | This Month | Yr.-to-Date | Cumulative |
|---|--------------|---------------|----------------|
| 11. Hours In Reporting Period | 720.00 | 6,551.00 | |
| 12. Number Of Hours Reactor Was Critical | 571.00 | 5,771.00 | 70,679.64 |
| 13. Reactor Reserve Shutdown Hours | 0.00 | 0.00 | 0.00 |
| 14. Hours Generator On-Line | 570.80 | 5,661.60 | 68,372.23 |
| 15. Unit Reserve Shutdown Hours | 0.00 | 0.00 | 0.00 |
| 16. Gross Thermal Energy Generated (MWH) | 1,261,989.00 | 13,946,647.00 | 150,039,877.00 |
| 17. Gross Electrical Energy Generated (MWH) | 401,600.00 | 4,482,390.00 | 49,152,140.00 |
| 18. Net Electrical Energy Generated (MWH) | 380,095.00 | 4,268,407.00 | 46,711,673.00 |
| 19. Unit Service Factor | 79.28 | 86.42 | 78.85 |
| 20. Unit Availability Factor | 79.31 | 89.64 | 85.46 |
| 21. Unit Capacity Factor (Using MDC Net) | 65.17 | 80.44 | 68.97 |
| 22. Unit Capacity Factor (Using DER Net) | 63.99 | 78.98 | 66.93 |
| 23. Unit Forced Outage Rate | 0.00 | 1.90 | 6.60 |

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: December 6, 1982
26. Units In Test Status (Prior to Commercial Operation):

| | Forecast | Achieved |
|----------------------|----------|----------|
| INITIAL CRITICALITY | _____ | _____ |
| INITIAL ELECTRICITY | _____ | _____ |
| COMMERCIAL OPERATION | _____ | _____ |

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-309
 UNIT Maine Yankee
 DATE 821006
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MONTH September, 1982

| DAY | AVERAGE DAILY POWER LEVEL (MWe-Net) |
|-----|--|
| 1 | 730 |
| 2 | 719 |
| 3 | 714 |
| 4 | 711 |
| 5 | 706 |
| 6 | 697 |
| 7 | 692 |
| 8 | 669 |
| 9 | 678 |
| 10 | 605 |
| 11 | 692 |
| 12 | 670 |
| 13 | 666 |
| 14 | 663 |
| 15 | 662 |
| 16 | 661 |

| DAY | AVERAGE DAILY POWER LEVEL (MWe-Net) |
|-----|--|
| 17 | 662 |
| 18 | 662 |
| 19 | 661 |
| 20 | 651 |
| 21 | 627 |
| 22 | 625 |
| 23 | 615 |
| 24 | 404 |
| 25 | 0 |
| 26 | 0 |
| 27 | 0 |
| 28 | 0 |
| 29 | 0 |
| 30 | 0 |
| 31 | NA |

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

DOCKET NO. 50-309
 UNIT NAME Maine Yankee
 DATE 821006
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 TELEPHONE (617) 872-8100 X2390

REPORT MONTH September, 1982

| 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 |
|-------------|--------|-------------------|------------------|---------------------|--|-------------------------|--------------------------|-----------------------------|---|
| L.R. to 70% | 820910 | S | 0 | B | 4 | NA | HH | PUMPB | Load reduction for P2-C turbine driven feed pump testing. |
| 10-82-6 | 820924 | S | 149.2 | C | 1 | NA | ZZ | NA | Scheduled shutdown for refueling Core 6/7 |

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

DOCKET NO. 50-309
UNIT Maine Yankee
DATE 821006
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REPORT MONTH September, 1982

SUMMARY OF OPERATING EXPERIENCES

The plant was at 90% power and "coasting down" at the beginning of the month.

On September 10th, a load reduction to 70% was completed for P-2C testing.

On September 24th, the plant shutdown for core 6/7 refueling outage and remained shutdown through the end of the month.