

OPERATING DATA REPORT

Docket No. 50-309

Date 851205

Completed By G.G. Amaral

Telephone 207-882-6321

1. Unit Name.....Maine Yankee
2. Reporting Period.....November, 1985
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 3-7)
Since Last Report, Give Reasons:.....

9. Power Level to Which Restricted, If Any (Net MWe) _____
10. Reasons for Restrictions, If Any.....

| | THIS MONTH | YR.-TO-DATE | CUMULATIVE |
|--|--------------|---------------|----------------|
| 11. Hours in Reporting Period | 720 | 8,016.00 | |
| 12. Number of Hours Reactor Was Critical | 693.36 | 6,293.18 | 91,593.72 |
| 13. Reactor Reserve Shutdown Hours | 0.00 | 0.00 | 0.00 |
| 14. Hours Generator On-Line | 676.23 | 6,190.93 | 88,900.63 |
| 15. Unit Reserve Shutdown Hours | 0.00 | 0.00 | 0.00 |
| 16. Gross Thermal Energy Generated (MWH) | 1,556,212.00 | 14,798,082.00 | 200,106,996.00 |
| 17. Gross Electrical Energy Generated (MWH) | 528,490.00 | 4,922,880.00 | 65,596,160.00 |
| 18. Net Electrical Energy Generated (MWH) | 504,892.00 | 4,739,713.00 | 62,571,605.00 |
| 19. Unit Service Factor | 93.92 | 77.23 | 77.65 |
| 20. Unit Availability Factor | 93.92 | 77.23 | 78.46 |
| 21. Unit Capacity Factor (Using MDC Net) | 86.57 | 73.00 | 69.34 |
| 22. Unit Capacity Factor (Using DER Net) | 85.00 | 71.67 | 67.48 |
| 23. Unit Forced Outage Rate | 2.23 | 1.94 | 6.91 |
| 24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration): | | | |

25. If Shutdown at End of Report Period, Estimated Date of Startup:
26. Units in Test Status (Prior to Commercial Operation):

| | Forecast | Achieved |
|----------------------|----------|----------|
| Initial Criticality | ----- | ----- |
| Initial Electricity | ----- | ----- |
| Commercial Operation | ----- | ----- |

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AVERAGE DAILY UNIT POWER LEVEL

Docket No. 50-309

Unit Maine Yankee

Date 851205

Completed By G.G. Amaral

Telephone 207-882-6321

MONTH November, 1985

| Day | Average Daily Power Level (MWe-Net) |
|-----|--|
|-----|--|

| | |
|---------|-----|
| 1 | 664 |
| 2..... | 771 |
| 3..... | 811 |
| 4..... | 815 |
| 5..... | 800 |
| 6..... | 361 |
| 7..... | 402 |
| 8..... | 697 |
| 9..... | 772 |
| 10..... | 772 |
| 11..... | 779 |
| 12..... | 799 |
| 13..... | 797 |
| 14..... | 807 |
| 15..... | 783 |

| Day | Average Daily Power Level (MWe-Net) |
|-----|--|
|-----|--|

| | |
|---------|-----|
| 16..... | 736 |
| 17..... | 825 |
| 18..... | 835 |
| 19..... | 837 |
| 20..... | 838 |
| 21..... | 836 |
| 22..... | 765 |
| 23..... | 0 |
| 24..... | 259 |
| 25..... | 450 |
| 26..... | 622 |
| 27..... | 705 |
| 28..... | 832 |
| 29..... | 834 |
| 30..... | 833 |

Docket No. 50-309
Unit Maine Yankee
Date 851205
Completed by R.S. McGrath
Telephone 207-882-6321

Report Month November 1985

SUMMARY OF OPERATING EXPERIENCES

At the beginning of the month the plant was at 76% power.

On 4 November power was increased to 96%.

From 4 to 6 November, four small load reductions were made due to High Stator Gas Delta Temperature (dT) in the Main Generator. Power was stabilized at 81% power

On 6 November at 1128, the Reactor tripped from 81% power on Loss of Load. This was caused by the failure of the Turbine Driven Feed Pump Recirc. Valve Controller.

On 7 November at 0255, the Unit was Phased-to-Grid and a power increase was started.

On 8 November at 2200, the Unit was at 90% power.

By 15 November at 1600, the Unit Power was stabilized at 97%.

On 15 November at 2036, Unit Power was reduced to 75% to clean the Condenser Waterboxes. This was due to cavitation indicated in one Circulating Water Pump

On 17 November at 1900, the Unit Power was stabilized at 97%.

On 22 November at 1900, a power reduction at 8.5% per hour to shutdown was commenced to repair RPS RTD's.

On 22 November at 2224, the Reactor tripped due to the failure of the Turbine Generator Control System.

On 24 November at 0243, the Unit was Phased-to-Grid and a power increase to 55% was started.

On 26 November at 0242, Unit Power was stabilized at 75%.

On 26 November at 2030, a load reduction from 77% to 55% power was completed to remove the Turbine Driven Main Feed Pump from service due to problems with its Recirc Valve Controller.

On 27 November at 2045, Unit Power was stabilized at 97%.

The plant was at 97% power for the remainder of the month.

UNIT SHUTDOWNS AND POWER REDUCTIONS

Page 1 of 2

Docket No. 50-309Unit Maine YankeeDate 851205Completed By R.S. McGrathTelephone 207-882-6321Report Month November, 1985

| No. | 5-85-9 | LR to 75% | 6-85-9 |
|-----------------------------|---|---|--|
| Date | 851106 | 851115 | 851122 |
| Type(1) | F | F | F |
| Duration(Hrs) | 15.5 | 0 | 28.3 |
| Reason(2) | A | B | A |
| Method(3) | 3 | 1 | 3 |
| LER # | 85-016 | N/A | 85-019 |
| System Code(4) | CH | HH | HA |
| Component Code (5) | INSTRU-C | HTEXCH-D | INSTRU-C |
| Cause and Corrective Action | Reactor Trip due to failure of the Turbine Driven Main Feed Pump Recirc Valve Controller. | Load Reduction to clean the Condenser Waterboxes. | Reactor Trip due to failure of the Turbine Generator Controller. Component replaced prior to start up. |

1. F: Forced
S: Scheduling2. Reason:
A-Equipment Failure
B-Maintenance or Test
C-Refueling
D-Regulatory Restriction
E-Operator Training & License Examination
F-Administrative
G-Operational Error
*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

UNIT SHUTDOWNS AND POWER REDUCTIONS

Page 2 of 2

Docket No. 50-309Unit Maine YankeeDate 851205Completed By R.S. McGrathTelephone 207-882-6321Report Month November, 1985

| | | | |
|-----------------------------|--|--|--|
| No. | LR to 55% | | |
| Date | 851126 | | |
| Type(1) | S | | |
| Duration(Hrs) | 0 | | |
| Reason(2) | B | | |
| Method(3) | 1 | | |
| LER # | N/A | | |
| System Code(4) | CH | | |
| Component Code (5) | INSTRU-C | | |
| Cause and Corrective Action | Power reduction to shutdown the Turbine Driven Main Feed Pump. | | |

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S: Scheduling2. Reason:
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B-Maintenance or Test
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MAINE YANKEE ATOMIC POWER COMPANY •

EDISON DRIVE
AUGUSTA, MAINE 04336
(207) 623-3521

December 12, 1985
MN 85-204

GDW-85-304

Office of Resource Management
United States Nuclear Regulatory Commission
Washington, D. C. 20555

Attention: Mr. Richard A. Hartfield, Chief
Management Information Branch

References: (a) License No. DPR-36 (Docket No. 50-309)
(b) NUREG-0020, Licensed Operating Reactors Status Summary
Report

Subject: Maine Yankee Monthly Statistical Report

Gentlemen:

Enclosed you will find the Monthly Statistical Report for the Maine Yankee Atomic Power Station for November, 1985.

Very truly yours,

MAINE YANKEE ATOMIC POWER COMPANY

G. D. Whittier, Manager
Nuclear Engineering & Licensing

GDW/bjp

Enclosures

cc: Mr. Ashock Thadani
Dr. Thomas E. Murley
Mr. Cornelius Holden
American Nuclear Insurers

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