

# OPERATING DATA REPORT

Docket No. 50-309  
 Date 850405  
 Completed By K.L. Embry  
 Telephone 207-882-6321

1. Unit Name.....Maine Yankee
2. Reporting Period.....March 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	744.00	2,160.00	
12. Number of Hours Reactor Was Critical	736.40	2,152.40	87,452.94
13. Reactor Reserve Shutdown Hours	0.00	0.00	0.00
14. Hours Generator On-Line	727.80	2,143.80	84,853.50
15. Unit Reserve Shutdown Hours	0.00	0.00	0.00
16. Gross Thermal Energy Generated (MWH)	1,817,501.00	5,242,580.00	190,551,494.00
17. Gross Electrical Energy Generated (MWH)	607,410.00	1,752,710.00	62,425,990.00
18. Net Electrical Energy Generated (MWH)	587,079.00	1,692,952.00	59,524,844.00
19. Unit Service Factor	97.82	99.25	78.11
20. Unit Availability Factor	97.82	99.25	78.97
21. Unit Capacity Factor (Using MDC Net)	97.42	96.76	69.62
22. Unit Capacity Factor (Using DER Net)	95.65	95.00	67.72
23. Unit Forced Outage Rate	2.18	0.75	7.11
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration): An eight week refueling shutdown is scheduled to start August 17, 1985.			

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 850405  
 Completed By K. L. Embry  
 Telephone 207-882-6321

MONTH March 1985

Day	Average Daily Power Level (MWe-Net)	Day	Average Daily Power Level (MWe-Net)
1 .....	853	17.....	852
2.....	851	18.....	851
3.....	853	19.....	852
4.....	853	20.....	737
5.....	850	21.....	849
6.....	851	22.....	673
7.....	826	23.....	831
8.....	776	24.....	851
9.....	541	25.....	852
10.....	220	26.....	851
11.....	323	27.....	850
12.....	814	28.....	852
13.....	848	29.....	850
14.....	850	30.....	851
15.....	851	31.....	850
16.....	852		

## 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. 50-309Unit Maine YankeeDate 850405Completed By K.L. EmbryTelephone 207-882-6321Report Month March 1985

No.	LR to 70%	1-85-8	LR to 80%
Date	850308	850310	850320
Type(1)	F	F	F
Duration(Hrs)	0	16.2	0
Reason(2)	B	H	B
Method(3)	4	2	4
LER #	N/A	85-002-00	N/A
System Code(4)	HH	HH	HH
Component Code (5)	HTEXCH-D	HTEXCH-D	HTEXCH-D
Cause and Corrective Action	Reduced power for maintenance of Heater Drain tank level control valve HD-A-180, and to inspect Condenser waterboxes.	Manual Turbine trip and manual Reactor trip initiated due to high Condenser differential pressure.	Reduced power to inspect Condenser waterbox A.

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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

\*Error in procedure used to restore an out of service waterbox.

## UNIT SHUTDOWNS AND POWER REDUCTIONS

Docket No. 50-309Unit Maine YankeeDate 850405Completed By K.L. EmbryTelephone 207-882-6321Report Month March 1985

No.	LR to 60%		
Date	850322		
Type(1)	F		
Duration(Hrs)	0		
Reason(2)	B		
Method(3)	4		
LER #	N/A		
System Code(4)	HH		
Component Code (5)	HTEXCH-X		
Cause and Corrective Action	Reduced power for maintenance of Heater Drain tank level control valve HD-A-180.		

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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  
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Report Month March 1985

SUMMARY OF OPERATING EXPERIENCES

At the beginning of the month the plant was at 100% power.

On 8 March power was reduced to 70% to perform maintenance on the Heater Drain Collection Tank level control valve, HD-A-180, and to inspect Condenser water boxes.

On 10 March a manual Turbine trip and a manual Reactor trip were initiated due to high Condenser differential pressure.

Later on 10 March a plant startup and power escalation began.

On 12 March the plant was at 100% power.

On 20 March power was reduced to 80% in order to remove the Condenser waterbox A from service for inspection and tube plugging.

On 21 March the plant was at 100% power.

On 22 March power was reduced to 60% in order to remove HD-A-180 from service for repair.

On March 23 the plant was at 100% power.

The plant was at 100% power for the remainder of the month.





ATOMIC POWER COMPANY •

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

April 9, 1985  
MN-85-66

GDW-85-103

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

Dear Sir:

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

Very truly yours,

MAINE YANKEE ATOMIC POWER COMPANY

G. D. Whittier, Manager  
Nuclear Engineering and Licensing

GDW/bjp

Enclosures

cc: Mr. James R. Miller  
Dr. Thomas E. Murley  
Mr. Cornelius Holden

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