

# OPERATING DATA REPORT

Docket No. 50-309

Date 850603

Completed By T.R. Anderson

Telephone 207-882-6321

1. Unit Name.....Maine Yankee
2. Reporting Period.....May 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	3,623.00	
12. Number of Hours Reactor Was Critical	714.40	3,578.50	88,879.04
13. Reactor Reserve Shutdown Hours	0.00	0.00	0.00
14. Hours Generator On-Line	698.30	3,553.80	86,263.50
15. Unit Reserve Shutdown Hours	0.00	0.00	0.00
16. Gross Thermal Energy Generated (MWH)	1,692,963.00	8,711,321.00	194,091,235.00
17. Gross Electrical Energy Generated (MWH)	568,310.00	2,40,140.00	63,613,420.00
18. Net Electrical Energy Generated (MWH)	543,339.00	2,835,526.00	60,667,418.00
19. Unit Service Factor	93.86	98.09	78.36
20. Unit Availability Factor	93.86	98.09	79.20
21. Unit Capacity Factor (Using MDC Net)	90.16	96.62	69.97
22. Unit Capacity Factor (Using DER Net)	88.52	94.87	68.08
23. Unit Forced Outage Rate	1.08	0.87	7.02
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	-----	-----
8508090392 850531		
PDR ADOCK 05000309		
R PDR		

# AVERAGE DAILY UNIT POWER LEVEL

Docket No. 50-309

Unit Maine Yankee

Date 850603

Completed By T.R.Anderson

Telephone 207-882-6321

MONTH May 1985

Day      Average Daily Power Level  
            (MWe-Net)

1 .....	261
2.....	775
3.....	847
4.....	792
5.....	9
6.....	60
7.....	372
8.....	702
9.....	848
10.....	719
11.....	757
12.....	817
13.....	834
14.....	826
15.....	827

Day      Average Daily Power Level  
            (MWe-Net)

16.....	829
17.....	824
18.....	825
19.....	826
20.....	828
21.....	828
22.....	820
23.....	827
24.....	823
25.....	825
26.....	821
27.....	824
28.....	827
29.....	831
30.....	813
31.....	824

## UNIT SHUTDOWNS AND POWER REDUCTIONS

Docket No. 50-309

Unit Maine Yankee

Date 850605

Completed By K.L. Embry

Telephone 207-882-6321

Report Month May 1985

No.	3-85-8	LR to 55%	LR to 80%
Date	850504	850510	850511
Type(1)	S	F	F
Duration(Hrs)	38.1	0	0
Reason(2)	B	B	H
Method(3)	1	N/A	N/A
LER #	N/A	N/A	N/A
System Code(4)	HA	HH	RC
Component Code (5)	GENERA-D	PUMPXX-B	N/A
Cause and Corrective Action	Shutdown plant to replace generator exciter diodes.	Reduced power to place motor driven feed pumps in service and to remove the steam driven feed pump from service due to excessive vibration.	Reduced power because of low symmetric offset.

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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

\*Power was reduced to maintain symmetric offset within limits.

Docket No. 50-309  
Unit Maine Yankee  
Date 850605  
Completed by K.L. Embry  
Telephone 207-882-6321

Report Month May 1985

SUMMARY OF OPERATING EXPERIENCES

At the beginning of the month the plant was shut down.

On 1 May the generator was phased to the grid and a power escalation began.

On 2 May the plant was at 100% power.

On 4 May a power reduction began in order to remove the generator from the grid so that generator exciter diodes could be replaced.

On 5 May the generator was phased to the grid and a power escalation began.

Because of chlorides in the steam generators power was maintained less 30% until 6 May, at which time a power escalation to 100% began.

On 9 May the plant was at 100% power.

On 10 May power was reduced to 55% to place the motor driven feed pumps in service and remove the steam driven feed pump from service because of excessive vibration of the steam driven feed pump.

On 11 May power was increased to 94%. However, because of symmetric offset concerns power had to be reduced to 80% the same day. Later later on May 11 power was increased to 97%.

The plant remained at 97% power for the remainder of the month. Using the motor driven feed pumps 97% power is the maximum power attainable.



ATOMIC POWER COMPANY •

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

June 10, 1985  
MN-85-113

GDW-85-169

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 May, 1985.

Very truly yours,

MAINE YANKEE ATOMIC POWER COMPANY

*S.E. Nichols*

*for* G. D. Whittier  
Licensing Section Head

GDW/bjp

Enclosures

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