

# Maine Yankee

RELIABLE ELECTRICITY SINCE 1972

EDISON DRIVE • AUGUSTA, MAINE 04330 • (207) 622-4868

February 11, 1994

MN-94-15

JRH-94-31

UNITED STATES NUCLEAR REGULATORY COMMISSION

Attention: Document Control Desk  
Washington, DC 20555

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

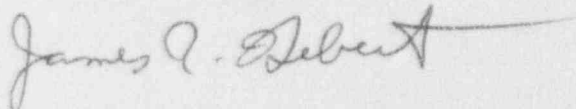
Subject: Maine Yankee Monthly Statistical Report - January 1994

Gentlemen:

Enclosed please find the Monthly Statistical Report for the Maine Yankee Atomic Power Station for January 1994.

If you have any questions, please do not hesitate to contact me.

Very truly yours,



James R. Hebert, Manager  
Licensing & Engineering Support Department

SJB/rpc

Enclosure

c: Mr. Thomas T. Martin  
Mr. J. T. Yerokun  
Mr. E. H. Trottier  
Mr. Patrick J. Dostie

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# **Maine Yankee**

**Monthly Statistical Report**

**JANUARY 1994**

OPERATING DATA REPORT

Docket No.: 50-309  
 Date: 11/Feb/94  
 Completed By: S. J. BAILEY  
 Telephone: 207-622-4868

- 1. Unit Name..... Maine Yankee
- 2. Reporting Period..... January 1994
- 3. Licensed Thermal Power (MWt)..... 2700
- 4. Nameplate Rating (Gross MWe)..... 920
- 5. Design Electrical Rating (Net MWe)..... 870
- 6. Maximum Dependable Capacity (Gross MWe)..... 900
- 7. Maximum Dependable Capacity (Net MWe)..... 860

8. If Changes in Capacity Ratings (Items Number 3-7)

Since Last Report, Give Reasons:

NO CHANGES

9. Power Level to Which Restricted, if Any (Net MWe) \_\_\_\_\_

10. Reasons for Restrictions, if Any:

	THIS MONTH	YEAR-TO-DATE	CUMULATIVE
11. Hours In Reporting Period	<u>744.00</u>	<u>744.00</u>	
12. Number of Hours Reactor Was Critical.....	<u>744.00</u>	<u>744.00</u>	<u>149,501.01</u>
13. Reactor Reserve Shutdown Hours.....	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>
14. Hours Generator On-line..	<u>744.00</u>	<u>744.00</u>	<u>145,209.00</u>
15. Unit Reserve Shutdown Hours.....	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>
16. Gross Thermal Energy Generated (MWH).....	<u>2,000,887.00</u>	<u>2,000,887.00</u>	<u>342,897,031.00</u>
17. Gross Electrical Energy Generated (MWH).....	<u>670,981.00</u>	<u>670,981.00</u>	<u>112,895,551.00</u>
18. Net Electrical Energy Generated (MWH).....	<u>650,288.00</u>	<u>650,288.00</u>	<u>108,302,126.00</u>
19. Unit Service Factor.....	<u>100.00</u>	<u>100.00</u>	<u>78.06</u>
20. Unit Availabilty Factor..	<u>100.00</u>	<u>100.00</u>	<u>78.06</u>
21. Unit Capacity Factor (Using MDC Net).....	<u>101.63</u>	<u>101.63</u>	<u>72.27</u>
22. Unit Capacity Factor (Using DER Net).....	<u>100.46</u>	<u>100.46</u>	<u>70.69</u>
23. Unit Forced Outage Rate..	<u>0.00</u>	<u>0.00</u>	<u>7.18</u>

24. Shutdowns Scheduled Over Next 6 Months: NONE

25. If Shutdown at End of Report Period, Estimated Date of Startup: N/A

Docket No: 50-309  
Unit Name: Maine Yankee  
Date: 021194  
Completed By: S.J. Bailey  
Telephone: 207-622-4868

Report Month: January, 1994

NARRATIVE SUMMARY OF OPERATING EXPERIENCES

At the beginning of the month, the unit was operating at 100% power.

On January 6, 1994, power was reduced to 75% for backwashing of "D" condenser waterbox due to tubesheet blockage. A, B and C condenser waterboxes backwashed.

The unit returned to 100% power on January 7, 1994.

UNIT SHUTDOWNS AND POWER REDUCTIONS  
FOR JANUARY 1994

Docket No.: 50-309  
Unit: Maine Yankee  
Date: 10/Feb/94  
Completed By: S. J. BAILEY  
Telephone: 207-622-4868  
Page: 1 of 1

Number	L.R. to 75%		
Date	940106		
Type (1)	F		
Duration (Hours)	0		
Reason (2)	B		
Method (3)	4		
LER #	N/A		
System Code (4)	HF		
Component Code (5)	HTEXCH-D		
Cause and Corrective Action	Power reduction for backwashing of "D" condenser waterbox due to tubesheet blockage. A, B, and C condenser waterboxes also backwashed.		

1. TYPE:  
(F)orced  
(S)cheduled

2. REASON  
A-Equipment Failure  
B-Maintenance or Test  
C-Refueling  
D-Regulatory Restriction  
E-Operator Training & License Examination

2. REASON: (cont)  
F-Administrative  
G-Operational Error  
H-Other (Explain)

3. METHOD:  
1-Manual  
2-Manual Scram  
3-Automatic Scram  
4-Other (Explain)

4. SYSTEM CODE:  
Exhibit G-Instructions for Preparation of Data Entry Sheets for Licensee Event Report (LER) File (NUREG.0161)

5. COMPONENT CODE:  
Exhibit I-Same source as above.

AVERAGE DAILY UNIT POWER LEVEL  
FOR JANUARY 1994

Docket No.: 50-309  
Unit: Maine Yankee  
Date: 02/Feb/94  
Completed By: S. J. BAILEY  
Telephone: 207-622-4868

Day	Avg. Daily Power Level (MWe-Net)	Day	Avg. Daily Power Level (MWe-Net)
1	879	16	883
2	879	17	870
3	879	18	881
4	878	19	876
5	880	20	878
6	854	21	876
7	797	22	876
8	875	23	876
9	878	24	878
10	878	25	877
11	877	26	875
12	877	27	877
13	877	28	879
14	879	29	875
15	879	30	875
		31	878