

# Maine Yankee

RELIABLE ELECTRICITY SINCE 1972

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

January 12, 1994  
MN-94-04            JRH-94-07

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

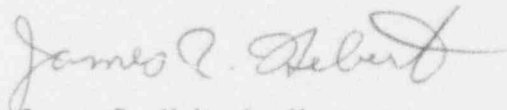
Subject: Maine Yankee Monthly Statistical Report - December 1993

Gentlemen:

Enclosed please find the Monthly Statistical Report for the Maine Yankee Atomic Power Station for December 1993.

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

Very truly yours,



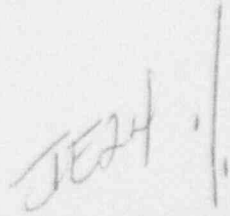
James R. Hebert, Manager  
Licensing & Engineering Support Department

SJB/mwf

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**

**DECEMBER 1993**

OPERATING DATA REPORT

Docket No.: 50-309  
 Date: 12/Jan/94  
 Completed By: S. J. BAILEY  
 Telephone: 207-622-4868

- 1. Unit Name..... Maine Yankee
- 2. Reporting Period..... December 1993
- 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>8,760.00</u>	
12. Number of Hours Reactor Was Critical.....	<u>744.00</u>	<u>6,991.80</u>	<u>148,757.01</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>6,835.00</u>	<u>144,465.00</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>2,000,036.00</u>	<u>17,743,221.00</u>	<u>340,896,144.00</u>
17. Gross Electrical Energy Generated (MWH).....	<u>671,824.00</u>	<u>5,927,110.00</u>	<u>112,224,570.00</u>
18. Net Electrical Energy Generated (MWH).....	<u>651,327.00</u>	<u>5,739,866.00</u>	<u>107,651,838.00</u>
19. Unit Service Factor.....	<u>100.00</u>	<u>78.03</u>	<u>77.97</u>
20. Unit Availabilty Factor..	<u>100.00</u>	<u>78.03</u>	<u>77.97</u>
21. Unit Capacity Factor (Using MDC Net)....	<u>101.80</u>	<u>76.19</u>	<u>72.15</u>
22. Unit Capacity Factor (Using DER Net).....	<u>100.63</u>	<u>75.31</u>	<u>70.57</u>
23. Unit Forced Outage Rate..	<u>0.00</u>	<u>1.92</u>	<u>7.22</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: 01-12-94  
Completed By: S.J. Bailey  
Telephone: 207-622-4868

Report Month: December, 1993

NARRATIVE SUMMARY OF OPERATING EXPERIENCES

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

On December 5, 1993, power was reduced for mussel control of all condenser water boxes. The unit returned to 100% power on December 6, 1993 and remained there for the rest of the month.

UNIT SHUTDOWNS AND POWER REDUCTIONS  
FOR DECEMBER 1993

Docket No.: 50-309  
Unit: Maine Yankee  
Date: 11/Jan/94  
Completed By: S. J. BAILEY  
Telephone: 207-622-4868  
Page: 1 of 1

Number	L.R. to 80%		
Date	931205		
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 mussel control of all condenser water boxes. Unit reached 100% on December 6, 1993.		

TYPE:  
(F)orced  
(S)cheduled

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

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

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

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

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

AVERAGE DAILY UNIT POWER LEVEL  
FOR DECEMBER 1993

Docket No.: 50-309  
Unit: Maine Yankee  
Date: 07/Jan/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	880
2	881	17	884
3	881	18	881
4	879	19	872
5	766	20	899
6	872	21	863
7	878	22	876
8	880	23	879
9	886	24	879
10	875	25	878
11	881	26	880
12	379	27	874
13	882	28	878
14	877	29	878
15	883	30	881
		31	875