

# Maine Yankee

RELIABLE ELECTRICITY SINCE 1972

329 BATH ROAD • BRUNSWICK, MAINE 04011 • (207) 798-4100

November 19, 1996

MN-96-168

JRH-96-254

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

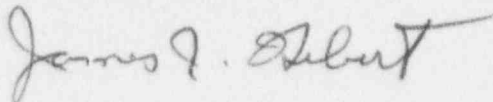
Subject: Maine Yankee Monthly Statistical Report - October 1996

Gentlemen:

Enclosed please find the October 1996 Monthly Statistical Report for Maine Yankee.

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

Very truly yours,



James R. Hebert, Manager  
Licensing & Engineering Support Department

SJB

Enclosures

c: Mr. Hubert Miller  
Mr. J. T. Yerokun  
Mr. Daniel H. Dorman  
Mr. Patrick J. Dostie  
Mr. Uldis Vanags

IE241/1

# OPERATING DATA REPORT

Docket No.: 50-309  
 Date: 19/Nov/96  
 Completed By: S. J. BAILEY  
 Telephone: 207-798-4241

1. Unit Name..... Maine Yankee  
 2. Reporting Period..... October 1996  
 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) 795

10. Reasons for Restrictions, if Any:

By NRC Confirmatory Order dated Jan. 3, 1996, Maine Yankee is  
restricted to 2440 MWt. A new computer code for Small Break LOCA  
is being evaluated at Maine Yankee to allow operation to 2700MWt

	THIS MONTH	YEAR-TO-DATE	CUMULATIVE
11. Hours In Reporting Period	<u>745.00</u>	<u>7,320.00</u>	
12. Number of Hours Reactor Was Critical.....	<u>666.76</u>	<u>6,022.98</u>	<u>163,060.79</u>
13. Reactor Reserve Shutdown Hours.....	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>
14. Hours Generator On-line..	<u>660.66</u>	<u>5,724.35</u>	<u>158,178.90</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>1,586,334.00</u>	<u>13,638,097.00</u>	<u>375,582,188.00</u>
17. Gross Electrical Energy Generated (MWH).....	<u>533,682.00</u>	<u>4,599,086.00</u>	<u>123,888,082.00</u>
18. Net Electrical Energy Generated (MWH).....	<u>515,285.00</u>	<u>4,403,139.00</u>	<u>118,884,538.00</u>
19. Unit Service Factor.....	<u>88.68</u>	<u>78.20</u>	<u>75.27</u>
20. Unit Availabilty Factor..	<u>88.68</u>	<u>78.20</u>	<u>75.27</u>
21. Unit Capacity Factor (Using MDC Net).....	<u>80.43</u>	<u>69.94</u>	<u>69.84</u>
22. Unit Capacity Factor (Using DER Net).....	<u>79.50</u>	<u>69.14</u>	<u>68.38</u>
23. Unit Forced Outage Rate..	<u>11.32</u>	<u>17.45</u>	<u>8.17</u>

24. Shutdowns Scheduled Over Next 6 Months: NONE

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

AVERAGE DAILY UNIT POWER LEVEL  
FOR OCTOBER 1996

Docket No.: 50-309  
Unit: Maine Yankee  
Date: 19/Nov/96  
Completed By: S. J. BAILEY  
Telephone: 267-798-4241

Day Avg. Daily Power Level  
(MWe-Net)

1	.....	790
2	.....	789
3	.....	793
4	.....	793
5	.....	792
6	.....	793
7	.....	792
8	.....	794
9	.....	324
10	.....	0
11	.....	0
12	.....	9
13	.....	514
14	.....	794
15	.....	797

Day Avg. Daily Power Level  
(MWe-Net)

16	.....	791
17	.....	796
18	.....	793
19	.....	791
20	.....	796
21	.....	792
22	.....	796
23	.....	794
24	.....	794
25	.....	795
26	.....	794
27	.....	795
28	.....	794
29	.....	762
30	.....	790
31	.....	792

Docket No: 50-309  
Unit Name: Maine Yankee  
Date: 11-13-96  
Completed By: S.J. Bailey  
Telephone: 207-798-4241

Report Month: October, 1996

#### NARRATIVE SUMMARY OF OPERATING EXPERIENCES

The unit operated at 2440 MWTh until October 9 when a trip occurred from a reactor protective system malfunction. The unit came on-line October 12, and returned to 2440 MWTh on October 16.

On October 29, power was reduced to 80% to backwash condenser waterboxes A, B, C & D. The unit returned to 2440 MWTh on October 30 where it remained the rest of the month.

UNIT SHUTDOWNS AND POWER REDUCTIONS  
FOR OCTOBER 1996

Docket No.: 50-309  
Unit: Maine Yankee  
Date: 20/Nov/96  
Completed By: S. J. BAILEY  
Telephone: 207-798-4241  
Page: 1 of 1

Number	L.R. to 90.3%	05-96-15	L.R. to 80%
Date	960124	961009	961029
Type (1)	F	F	F
Duration (Hours)	0	84.3	0
Reason (2)	D	A	B
Method (3)	4	3	4
LER #	N/P	96-031	N/A
System Code (4)	ZZ	IA	HF
Component Code (5)	ZZZZZZZZ	CKTBRK-A	HTEXCH-D
Cause and Corrective Action	By NRC Confirmatory Order, Maine Yankee is restricted to 2440 MWth until a new computer code is evaluated to allow operation at 2700 MWth.	Plant trip from a reactor protective system malfunction. Phased on-line October 12 and returned to 2440 MWth October 16.	Power reduction to backwash condenser waterboxes A, B, C & D. Returned to 2440 MWth on October 30.

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.