

# Maine Yankee

RELIABLE ELECTRICITY FOR MAINE SINCE 1972

EDISON DRIVE • AUGUSTA, MAINE 04336 • (207) 622-4868

November 13, 1989  
MN-89-140

GDW-89-364

UNITED STATES NUCLEAR REGULATORY COMMISSION  
Attention: Document Control Desk  
Washington, DC 20555

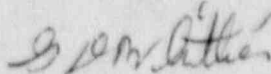
References: (a) License No. DPR-36 (Docket No. 50-309)  
(b) NUREG-0020, Licensed Operating Reactor Status Summary Report

Subject: Maine Yankee Monthly Statistical Report

Gentlemen:

Enclosed you will find the Monthly Statistical Report for the Maine Yankee Atomic Power Station for October, 1989.

Very truly yours,



G. D. Whittier, Manager  
Nuclear Engineering and Licensing

GDW:SJJ

Enclosure

c: Mr. Richard H. Wessman  
Mr. William T. Russell  
Mr. Eric J. Leeds  
Mr. Cornelius Holden

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Monthly Statistical Report

For October 1989

OPERATING DATA REPORT

Docket No.: 50-309  
 Date: 06/Nov/89  
 Completed By: S. L. HALL  
 Telephone: 207-622-4868

- 1. Unit Name..... Maine Yankee
- 2. Reporting Period..... October 1989
- 3. Licensed Thermal Power (MWt)..... 2700
- 4. Nameplate Rating (Gross MWe)..... 890
- 5. Design Electrical Rating (Net MWe)..... 840
- 6. Maximum Dependable Capacity (Gross MWe)..... 870
- 7. Maximum Dependable Capacity (Net MWe)..... 830

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>745.00</u>	<u>7,296.00</u>	
12. Number of Hours Reactor Was Critical.....	<u>613.20</u>	<u>6,962.39</u>	<u>119,765.38</u>
13. Reactor Reserve Shutdown Hours.....	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>
14. Hours Generator On-line..	<u>608.70</u>	<u>6,904.74</u>	<u>116,447.23</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>1,587,609.00</u>	<u>17,960,755.00</u>	<u>269,033,468.00</u>
17. Gross Electrical Energy Generated (MWH).....	<u>538,340.00</u>	<u>6,099,680.00</u>	<u>88,188,040.00</u>
18. Net Electrical Energy Generated (MWH).....	<u>501,851.00</u>	<u>5,898,809.00</u>	<u>84,386,983.00</u>
19. Unit Service Factor.....	<u>81.70</u>	<u>94.64</u>	<u>78.29</u>
20. Unit Availabilty Factor..	<u>81.70</u>	<u>94.64</u>	<u>78.29</u>
21. Unit Capacity Factor (Using MDC Net).....	<u>84.39</u>	<u>99.09</u>	<u>71.40</u>
22. Unit Capacity Factor (Using DER Net).....	<u>83.39</u>	<u>97.48</u>	<u>69.65</u>
23. Unit Forced Outage Rate..	<u>2.12</u>	<u>3.74</u>	<u>6.88</u>

24. Shutdowns Scheduled Over Next 6 Months:

Date	Type	Duration
<u>4/14/90</u>	<u>Refueling</u>	<u>8 weeks</u>

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

Docket No: 50-309  
Unit Name: Maine Yankee  
Date: 891103  
Completed By: S.L. Hall  
Telephone: 207-622-4868

Report Month: October, 1989

#### NARRATIVE SUMMARY OF OPERATING EXPERIENCES

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

On October 10th, the containment purge supply valve penetration failed a type C Containment Leakage Rate Test. The unit was taken off line upon exceeding the Technical Specification Remedial Action Statement. The unit remained shutdown for a scheduled Reactor Coolant Pump Seals Outage.

On October 16th, the unit was returned to 100% power.

On October 30th, the unit was reduced to 94% power to retrieve a dropped rod. The unit returned to 100% the same day.

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

AVERAGE DAILY UNIT POWER LEVEL  
FOR OCTOBER 1989

Docket No.: 50-309  
Unit: Maine Yankee  
Date: 03/Nov/89  
Completed By: S. L. HALL  
Telephone: 207-622-4868

Day	Avg. Daily Power Level (MWe-Net)	Day	Avg. Daily Power Level (MWe-Net)
1	871	16	254
2	872	17	819
3	871	18	869
4	874	19	873
5	874	20	871
6	873	21	873
7	874	22	872
8	873	23	874
9	872	24	872
10	569	25	871
11	0	26	873
12	0	27	872
13	0	28	874
14	0	29	873
15	0	30	873
		31	875

UNIT SHUTDOWNS AND POWER REDUCTIONS  
FOR OCTOBER 1989

Docket No.: 50-309  
Unit: Maine Yankee  
Date: 03/Nov/89  
Completed By: S. L. HALL  
Telephone: 207-622-4868  
Page: 1 of 1

Number	10-89-11	
Date	891010	891011
Type (1)	F	S
Duration (Hours)	13.2	123.1
Reason (2)	F	B
Method (3)	1	4
LER #	89-004	N/A
System Code (4)	SD	CB
Component Code (5)	VALVEX-B	PUMPXX-B
Cause and Corrective Action	The unit was taken off line due to exceeding Tech. Specs. on a Typc C Containment Leakage Rate Test. The unit remained down for a planned RCP Seals Maintenance Outage.	Scheduled Reactor Coolant Pump Seals Outage. The unit was returned to 100% power.

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.