

# Maine Yankee

RELIABLE ELECTRICITY FOR MAINE SINCE 1972

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

October 5, 1989  
MN-89-124

GDW-89-325

UNITED STATES NUCLEAR REGULATORY COMMISSION  
Attention: Document Control Desk  
Washington, D. C. 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 September, 1989.

Very truly yours,

MAINE YANKEE

*SE Nichols*

*for* G. D. Whittier, Manager  
Nuclear Engineering and Licensing

GDW:WCD

Enclosure

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

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Monthly Statistical Report

For September 1989

OPERATING DATA REPORT

Docket No.: 50-309  
 Date: 04/Oct/89  
 Completed By: S. L. HALL  
 Telephone: 207-622-4868

- 1. Unit Name..... Maine Yankee
- 2. Reporting Period..... September 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>720.00</u>	<u>6,551.00</u>	
12. Number of Hours Reactor Was Critical.....	<u>720.00</u>	<u>6,349.19</u>	<u>119,152.18</u>
13. Reactor Reserve Shutdown Hours.....	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>
14. Hours Generator On-line..	<u>720.00</u>	<u>6,296.04</u>	<u>115,838.53</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>1,838,618.00</u>	<u>16,373,146.00</u>	<u>267,445,859.00</u>
17. Gross Electrical Energy Generated (MWH).....	<u>623,070.00</u>	<u>5,561,340.00</u>	<u>87,649,700.00</u>
18. Net Electrical Energy Generated (MWH).....	<u>603,772.00</u>	<u>5,376,958.00</u>	<u>83,865,132.00</u>
19. Unit Service Factor.....	<u>100.00</u>	<u>96.11</u>	<u>78.27</u>
20. Unit Availabilty Factor..	<u>100.00</u>	<u>96.11</u>	<u>78.27</u>
21. Unit Capacity Factor (Using MDC Net).....	<u>101.03</u>	<u>100.77</u>	<u>71.34</u>
22. Unit Capacity Factor (Using DER Net).....	<u>99.83</u>	<u>99.08</u>	<u>69.58</u>
23. Unit Forced Outage Rate..	<u>0.00</u>	<u>3.89</u>	<u>6.90</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: 10/04/89  
Completed By: S.L. Hall  
Telephone: 207-622-4868

Report Month: September, 1989

#### NARRATIVE SUMMARY OF OPERATING EXPERIENCES

On September 1, power was reduced to 75% to perform turbine valve and excess flow check valve testing, circ water box cleaning, and mussel control. The unit was then reduced to 12.5% to repair No. 2 feed reg. valve.

On September 3, the unit was returned to 100% power.

On September 28, power was reduced to 73% to perform turbine valve and excess flow check valve testing, circ water box cleaning, and mussel control. The unit was returned to 100% power.

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

AVERAGE DAILY UNIT POWER LEVEL  
FOR SEPTEMBER 1989

Docket No.: 50-309  
Unit: Maine Yankee  
Date: 04/Oct/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	467	16	871
2	499	17	871
3	861	18	871
4	872	19	871
5	870	20	871
6	867	21	871
7	866	22	869
8	869	23	870
9	866	24	870
10	865	25	873
11	866	26	871
12	871	27	870
13	867	28	725
14	870	29	869
15	869	30	870

UNIT SHUTDOWNS AND POWER REDUCTIONS  
FOR SEPTEMBER 1989

Docket No.: 50-309  
Unit: Maine Yankee  
Date: 05/Oct/89  
Completed By: S. L. HALL  
Telephone: 207-622-4868  
Page: 1 of 1

Number	L.R. to 75%	L.R. TO 12.5%	L.R. to 73%
Date	890901	890901	890928
Type (1)	S	F	S
Duration (Hours)	0	0	0
Reason (2)	B	A	B
Method (3)	4	4	4
LER #	N/A	N/A	N/A
System Code (4)	HB	HH	HB
Component Code (5)	VALVEX-C	VALVEX-E	VALVEX-C
Cause and Corrective Action	Power was reduced to 75% for mussel control and circ water box cleaning. The unit was returned to 100% power.	Power was reduced to 12.5% for repair of #2 Feed Reg. Valve.	Power was reduced to 73% for mussel control and circ water box cleaning. The unit was returned to 100% power.

1. TYPE:  
(F)rced  
(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.