

Maine Yankee

RELIABLE ELECTRICITY FOR MAINE SINCE 1972

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

March 14, 1990
MN-90-26

SEN-90-51

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 February 1990.

Very truly yours,

SEN-90-51

S. E. Nichols
Licensing Section Head

SEN:WSD

Enclosure

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

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OPERATING DATA REPORT

Docket No.: 50-309
 Date: 09/Mar/90
 Completed By: J. H. ARNOLD
 Telephone: 207-622-4868

1. Unit Name..... Maine Yankee
 2. Reporting Period..... February 1990
 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>672.00</u>	<u>1,416.00</u>	
12. Number of Hours Reactor Was Critical.....	<u>672.00</u>	<u>1,416.00</u>	<u>122,428.98</u>
13. Reactor Reserve Shutdown Hours.....	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>
14. Hours Generator On-line..	<u>672.00</u>	<u>1,408.90</u>	<u>119,081.33</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>1,723,831.00</u>	<u>3,646,702.00</u>	<u>275,859,303.00</u>
17. Gross Electrical Energy Generated (MWH).....	<u>580,870.00</u>	<u>1,227,880.00</u>	<u>90,492,090.00</u>
18. Net Electrical Energy Generated (MWH).....	<u>562,520.00</u>	<u>1,189,383.00</u>	<u>86,619,263.00</u>
19. Unit Service Factor.....	<u>100.00</u>	<u>99.50</u>	<u>78.54</u>
20. Unit Availability Factor..	<u>100.00</u>	<u>99.50</u>	<u>78.54</u>
21. Unit Capacity Factor (Using MDC Net).....	<u>100.85</u>	<u>101.20</u>	<u>71.82</u>
22. Unit Capacity Factor (Using DER Net).....	<u>99.65</u>	<u>100.00</u>	<u>70.08</u>
23. Unit Forced Outage Rate..	<u>0.00</u>	<u>0.00</u>	<u>6.91</u>

24. Shutdowns Scheduled Over Next 6 Months:

Date

Type

Duration

4/07/90

Refueling

8 weeks

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

Docket No: 50-209
Unit Name: Maine Yankee
Date: 03-08-90
Completed By: J.H. ARNOLD
Telephone: 207-622-4868

Report Month: FEBRUARY ,

NARRATIVE SUMMARY OF OPERATING EXPERIENCES

At the beginning of the month the unit was at full power.

On February 7th, the unit was reduced to 75% power to repair a steam leak on the first point feedwater heater. The unit remained at about that power level while the steam leak was repaired and testing was completed on several related valves. On February 11th the unit was returned to full power. The unit remained at full power for the rest of the month.

AVERAGE DAILY UNIT POWER LEVEL
FOR FEBRUARY 1990

Docket No.: 50-309
Unit: Maine Yankee
Date: 09/Mar/90
Completed By: J. H. ARNOLD
Telephone: 207-622-4868

Day Avg. Daily Power Level
 (MWe-Net)

1	.....	865
2	.....	866
3	.....	863
4	.....	863
5	.....	863
6	.....	863
7	.....	755
8	.....	639
9	.....	649
10	.....	670
11	.....	860
12	.....	864
13	.....	867
14	.....	862
15	.....	867

Day Avg. Daily Power Level
 (MWe-Net)

16	.....	864
17	.....	863
18	.....	865
19	.....	861
20	.....	865
21	.....	864
22	.....	863
23	.....	861
24	.....	864
25	.....	864
26	.....	860
27	.....	866
28	.....	863

UNIT SHUTDOWNS AND POWER REDUCTIONS
FOR FEBRUARY 1990

Docket No.: 80-309
Unit: Maine Yankee
Date: 09/Mar/90
Completed By: J. H. ARNOLD
Telephone: 207-622-4868
Page: 1 of 1

Number	LR TO 75%		
Date	900207		
Type (1)	F		
Duration (Hours)	90.8		
Reason (2)	B		
Method (3)	1		
LER #	N/A		
System Code (4)	HH		
Component Code (5)	HTEXCH-G		
Cause and Corrective Action	Steam leak on first point feed water heater. Repaired leak.		

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.