

Maine Yankee

RELIABLE ELECTRICITY FOR MAINE SINCE 1972

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

February 8, 1991
MN-91-31

SEN-91-51

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 - January

Gentlemen:

Enclosed please find the Monthly Statistical Report for the Maine Yankee Atomic Power Station for January 1991. Please contact me should you have any further questions.

Very truly yours,

S. E. Nichols for

S. E. Nichols, Manager
Nuclear Engineering & Licensing

SEN/sjj

Enclosures

c: Mr. Thomas T. Martin
Mr. E. H. Trottier
Mr. Charles S. Marschall
Mr. Patrick J. Dostie

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OPERATING DATA REPORT

Docket No.: 50-309
 Date: 07/Feb/91
 Completed By: S. L. HALL
 Telephone: 207-622-4868

1. Unit Name.....	<u>MAINE YANKEE</u>
2. Reporting Period.....	<u>January 1991</u>
3. Licensed Thermal Power (Mwt).....	<u>2700</u>
4. Nameplate Rating (Gross MWe).....	<u>890</u>
5. Design Electrical Rating (Net MWe).....	<u>840</u>
6. Maximum Dependable Capacity (Gross MWe).....	<u>870</u>
7. Maximum Dependable Capacity (Net MWe).....	<u>830</u>

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>744.00</u>	
12. Number of Hours Reactor Was Critical.....	<u>508.10</u>	<u>508.10</u>	<u>127,737.01</u>
13. Reactor Reserve Shutdown Hours.....	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>
14. Hours Generator On-line..	<u>491.60</u>	<u>491.60</u>	<u>124,021.13</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>1,279,643.00</u>	<u>1,279,643.00</u>	<u>288,456,386.00</u>
17. Gross Electrical Energy Generated (MWH).....	<u>428,030.00</u>	<u>428,030.00</u>	<u>24,711,400.00</u>
18. Net Electrical Energy Generated (MWH).....	<u>414,759.00</u>	<u>414,759.00</u>	<u>90,704,366.00</u>
19. Unit Service Factor.....	<u>66.08</u>	<u>66.08</u>	<u>77.65</u>
20. Unit Availabilty Factor..	<u>66.08</u>	<u>66.08</u>	<u>77.65</u>
21. Unit Capacity Factor (Using MDC Net).....	<u>67.17</u>	<u>67.17</u>	<u>71.26</u>
22. Unit Capacity Factor (Using DER Net).....	<u>66.37</u>	<u>66.37</u>	<u>69.58</u>
23. Unit Forced Outage Rate..	<u>33.89</u>	<u>33.89</u>	<u>7.09</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: 02-08-91
Completed By: S. L. Hall
Telephone: 207-622-4868

Report Month: January, 1991

NARRATIVE SUMMARY OF OPERATING EXPERIENCES

At the beginning of the month, the unit was off line performing inspection and repair from the December, 1990 Steam Generator outage.

On January 8, the unit was phased to the grid, however, due to the failure of a containment integrity isolation valve (MS-70), returned to the cold shutdown condition.

On January 11, the unit was phased to the grid.

On January 13, the unit reached 100% power and has been maintained at that level for the remainder of the month.

AVERAGE DAILY UNIT POWER LEVEL
FOR JANUARY 1991

Docket No.: 50-309
Unit: MAINE YANKEE
Date: 07/Feb/91
Completed By: S. L. HALL
Telephone: 207-622-4868

Day	Avg. Daily Power Level (MWe-Net)	Day	Avg. Daily Power Level (MWe-Net)
1	0	16	878
2	0	17	875
3	0	18	875
4	0	19	879
5	0	20	877
6	0	21	877
7	0	22	877
8	10	23	878
9	0	24	877
10	0	25	876
11	54	26	877
12	561	27	875
13	865	28	878
14	875	29	880
15	878	30	877
		31	879

UNIT SHUTDOWNS AND POWER REDUCTIONS
FOR JANUARY 1991

Docket No.: 50-309
Unit: MAINE YANKEE
Date: 08/Feb/91
Completed By: S. L. HALL
Telephone: 207-622-4868
Page: 1 of 1

Number	09-90-12	01-91-12	
Date	901217	910108	
Type (1)	F	F	
Duration (Hours)	187.2	65.2	
Reason (2)	A	A	
Method (3)	1	1	
LER #	90-012	91-001	
System Code (4)	HB	HB	
Component Code (5)	HTEXCH-F	VALVEX-F	
Cause and Corrective Action	At the beginning of the month, the unit was off line due to Dec. 1990 Steam Generator Outage. On Jan. 8, the unit phased to the grid.	On Jan. 8, a failure of the containment integrity valve, (MS-70) required a plant shut down. The valve was replaced and the unit returned to power on Jan. 11, 1991.	

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.