

Maine Yankee

RELIABLE ELECTRICITY FOR MAINE SINCE 1972

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

January 10, 1991

MN-91-10

SEN-91-17

UNITED STATES NUCLEAR REGULATORY COMMISSION

Attention: Document Control Desk

Washington, DC 20555

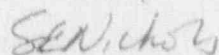
References: (a) License No. DPR-36 (Docket No. 50-309)
(b) NUREG-0020, Licensed Operating Reactor Status Summary Report

Subject: Maine Yankee Monthly Statistical Report - December

Gentlemen:

Enclosed please find the Monthly Statistical Report for the Maine Yankee Atomic Power Station for December 1990. Please contact me should you have any further questions.

Very truly yours,



S. E. Nichols, Manager
Nuclear Engineering & Licensing

SEN/sjj

Enclosures

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

SEN9117.LTR

990019

9101180285 901231
PDR ADCK 05000309
R PDR

IE24
111

OPERATING DATA REPORT

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

- 1. Unit Name..... MAINE YANKEE
- 2. Reporting Period..... December 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>744.00</u>	<u>8,760.00</u>	
12. Number of Hours Reactor Was Critical.....	<u>391.20</u>	<u>6,215.93</u>	<u>127,228.91</u>
13. Reactor Reserve Shutdown Hours.....	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>
14. Hours Generator On-line..	<u>390.80</u>	<u>5,857.10</u>	<u>123,529.53</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>1,044,940.00</u>	<u>14,964,142.00</u>	<u>287,176,743.00</u>
17. Gross Electrical Energy Generated (MWH).....	<u>349,340.00</u>	<u>5,019,160.00</u>	<u>94,283,370.00</u>
18. Net Electrical Energy Generated (MWH).....	<u>338,693.00</u>	<u>4,859,727.00</u>	<u>90,289,607.00</u>
19. Unit Service Factor.....	<u>52.53</u>	<u>66.86</u>	<u>77.70</u>
20. Unit Availability Factor..	<u>52.53</u>	<u>66.86</u>	<u>77.70</u>
21. Unit Capacity Factor (Using MDC Net).....	<u>54.85</u>	<u>66.84</u>	<u>71.28</u>
22. Unit Capacity Factor (Using DER Net).....	<u>54.19</u>	<u>66.04</u>	<u>69.59</u>
23. Unit Forced Outage Rate..	<u>47.47</u>	<u>10.60</u>	<u>7.18</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: 01-07-91
Completed By: S. L. Hall
Telephone: 207-622-4868

Report Month: December, 1990

NARRATIVE SUMMARY OF OPERATING EXPERIENCES

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

On December 17, a primary to secondary leakage in Steam Generator no. 1 exceeded administrative limits. The unit was taken off line for the remainder of the month to perform inspection and repairs.

AVERAGE DAILY UNIT POWER LEVEL
FOR DECEMBER 1990

Docket No.: 50-309
Unit: MAINE YANKEE
Date: 07/Jan/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	879	16	872
2	879	17	212
3	881	18	0
4	818	19	0
5	872	20	0
6	877	21	0
7	879	22	0
8	878	23	0
9	880	24	0
10	879	25	0
11	878	26	0
12	878	27	0
13	876	28	0
14	878	29	0
15	798	30	0
		31	0

UNIT SHUTDOWNS AND POWER REDUCTIONS
FOR DECEMBER 1990

Docket No.: 50-309
Unit: MAINE YANKEE
Date: 07/Jan/91
Completed By: S. L. HALL
Telephone: 207-622-4868
Page: 1 of 1

Number	09-90-12		
Date	901217		
Type (1)	F		
Duration (Hours)	353.2		
Reason (2)	A		
Method (3)	1		
LER #	90-012		
System Code (4)	HB		
Component Code (5)	HTEXCH-F		
Cause and Corrective Action	On December 17, a primary to secondary leakage in steam generator no. 1 exceeded admin. limits. The unit was taken off line for the rest of the month to perform inspection and repairs.		

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.