

OPERATING DATA REPORT

Docket No.: 50-309  
 Date: 01/Apr/86  
 Completed By: Steven L Jacobs  
 Telephone: 207-882-6321

- 1. Unit Name..... Maine Yankee
- 2. Reporting Period..... March 1986
- 3. Licensed Thermal Power (Mwt)..... 2630
- 4. Nameplate Rating (Gross MWe)..... 864
- 5. Design Electrical Rating (Net MWe)..... 825
- 6. Maximum Dependable Capacity (Gross MWe)..... 850
- 7. Maximum Dependable Capacity (Net MWe)..... 810

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) NO RESTRICTIONS
- 10. Reasons for Restrictions, if Any:

	THIS MONTH	YEAR-TO-DATE	CUMULATIVE
11. Hours In Reporting Period	<u>744.00</u>	<u>2,160.00</u>	
12. Number of Hours Reactor Was Critical.....	<u>485.33</u>	<u>1,734.79</u>	<u>94,072.51</u>
13. Reactor Reserve Shutdown Hours.....	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>
14. Hours Generator On-line..	<u>480.83</u>	<u>1,709.58</u>	<u>91,354.24</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>1,173,279.00</u>	<u>4,211,231.00</u>	<u>206,211,912.00</u>
17. Gross Electrical Energy Generated (MWH).....	<u>396,680.00</u>	<u>1,416,700.00</u>	<u>67,656,420.00</u>
18. Net Electrical Energy Generated (MWH).....	<u>383,807.00</u>	<u>1,369,973.00</u>	<u>64,556,288.00</u>
19. Unit Service Factor.....	<u>64.63</u>	<u>79.15</u>	<u>77.82</u>
20. Unit Availabilty Factor..	<u>64.63</u>	<u>79.15</u>	<u>78.61</u>
21. Unit Capacity Factor (Using MDC Net).....	<u>63.69</u>	<u>78.30</u>	<u>69.72</u>
22. Unit Capacity Factor (Using DER Net).....	<u>62.53</u>	<u>76.88</u>	<u>67.86</u>
23. Unit Forced Outage Rate..	<u>35.37</u>	<u>20.85</u>	<u>7.17</u>

24. Shutdowns Scheduled Over Next 6 Months: NONE

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

AVERAGE DAILY UNIT POWER LEVEL  
FOR MARCH 1986

Docket No.: 50-309  
 Unit: Maine Yankee  
 Date: 01/Apr/86  
 Completed By: Steven L Jacobs  
 Telephone: 207-882-6321

Day	Avg. Daily Power Level (MWe-Net)	Day	Avg. Daily Power Level (MWe-Net)
1	0	16	857
2	0	17	854
3	0	18	854
4	0	19	854
5	0	20	856
6	0	21	853
7	0	22	855
8	0	23	856
9	0	24	856
10	0	25	854
11	3	26	855
12	217	27	855
13	393	28	855
14	848	29	856
15	854	30	855
		31	855

UNIT SHUTDOWNS AND POWER REDUCTIONS  
FOR MARCH 1986

Docket No.: 50-309  
Unit: Maine Yankee  
Date: 02/Apr/86  
Completed By: Steven L Jacobs  
Telephone: 207-882-6321  
Page: 1 of 1

Number	8-86-9		
Date	860221		
Type (1)	F		
Duration (Hours)	263.2		
Reason (2)	B		
Method (3)	1		
LER #	N/A		
System Code (4)	HA		
Component Code (5)	GENERA-D		
Cause and Corrective Action	Shutdown to repair hydrogen leakage from Main Generator. Startup delayed due to chloride intrusion in condenser. This outage is carried over from last month.		

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.

Docket No.: 50-309  
Unit Name: Maine Yankee  
Date: 01/Apr/86  
Completed By: J. M. Taylor  
Telephone: 207-882-6321

Report Month: March, 1986

NARRATIVE SUMMARY OF OPERATING EXPERIENCES

At the beginning of the month, the plant was in hot shutdown while a generator hydrogen leak was being repaired.

On March 11th, the reactor was made critical, the unit was phased to the grid, and loading commenced.

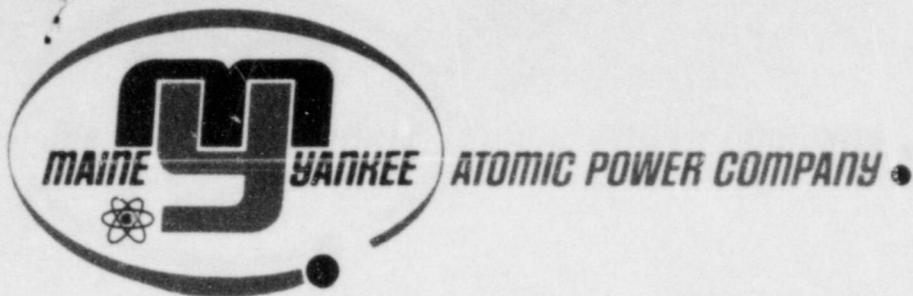
On March 12th, 30% power was maintained for a boron soak.

On March 13th, loading commenced.

On March 14th, 98.8% power was reached and maintained while the feed flow calorimetric was evaluated. A limit of 882 MWe was maintained pending generator capability evaluation.

On March 17th, 98.8% power (882 MWe) was maintained while the generator hydrogen gland seal ring rub test and vibrations in the exciter and generator were evaluated.

For the remainder of the month, a limit of 882 MWe was maintained due to generator vibration concerns.



EDISON DRIVE  
AUGUSTA, MAINE 04336  
(207) 623-3521

April 7, 1986  
MN-86-52

GDW-86-88

Office of Resource Management  
United States Nuclear Regulatory Commission  
Washington, D. C. 20555

Attention: Mr. Richard A. Hartfield, Chief  
Management Information Branch

References: (a) License No. DPR-36 (Docket No. 50-309)  
(b) NUREG-0020, Licensed Operating Reactors 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 March, 1986.

Very truly yours,

MAINE YANKEE ATOMIC POWER COMPANY

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

GDW/bjp

Enclosure

cc: Mr. Ashok C. Thadani  
Dr. Thomas E. Murley  
Mr. Pat Sears  
Mr. Cornelius F. Holden

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