

MAINE YANKEE NUCLEAR POWER STATION
MONTHLY STATISTICAL REPORT 81-2
FOR THE MONTH OF FEBRUARY, 1981

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PDR ADOCK 05000309
R PDR

OPERATING DATA REPORT

DOCKET NO. 50-309
 DATE 810310
 COMPLETED BY D. M. Bernard
 TELEPHONE 617-872-8100 X2390

OPERATING STATUS

1. Unit Name: Maine Yankee
2. Reporting Period: February, 1981
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 Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:

Notes
 Power level restricted by steam flow through the low pressure turbine.

9. Power Level To Which Restricted, If Any (Net MWe): 864 MWe (~97%)
10. Reasons For Restrictions, If Any: See Notes

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	672.00	1,416.00	59,171.97
12. Number Of Hours Reactor Was Critical	672.00	1,416.00	0.00
13. Reactor Reserve Shutdown Hours	0.00	0.00	0.00
14. Hours Generator On-Line	672.00	1,416.00	57,274.25
15. Unit Reserve Shutdown Hours	0.00	0.00	0.00
16. Gross Thermal Energy Generated (MWH)	1,707,452.00	3,604,425.00	122,982,654.00
17. Gross Electrical Energy Generated (MWH)	567,770.00	1,198,070.00	40,400,230.00
18. Net Electrical Energy Generated (MWH)	542,226.00	1,144,226.00	38,375,551.00
19. Unit Service Factor	100.00	100.00	78.65
20. Unit Availability Factor	100.00	100.00	78.65
21. Unit Capacity Factor (Using MDC Net)	99.62	99.76	68.00
22. Unit Capacity Factor (Using DER Net)	97.80	97.95	65.82
23. Unit Forced Outage Rate	0.00	0.00	7.31
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):			

25. If Shut Down At End Of Report Period, Estimated Date of Startup: _____
26. Units In Test Status (Prior to Commercial Operation):

INITIAL CRITICALITY
 INITIAL ELECTRICITY
 COMMERCIAL OPERATION

Forecast	Achieved
_____	_____
_____	_____
_____	_____

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-309
 UNIT Maine Yankee
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 TELEPHONE 617-872-8100 X239

MONTH FEBRUARY, 1981

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>812</u>	17	<u>813</u>
2	<u>813</u>	18	<u>812</u>
3	<u>811</u>	19	<u>812</u>
4	<u>819</u>	20	<u>812</u>
5	<u>819</u>	21	<u>812</u>
6	<u>820</u>	22	<u>810</u>
7	<u>698</u>	23	<u>812</u>
8	<u>722</u>	24	<u>810</u>
9	<u>814</u>	25	<u>812</u>
10	<u>819</u>	26	<u>814</u>
11	<u>819</u>	27	<u>814</u>
12	<u>817</u>	28	<u>818</u>
13	<u>817</u>	29	<u> </u>
14	<u>814</u>	30	<u> </u>
15	<u>815</u>	31	<u> </u>
16	<u>813</u>		

INSTRUCTIONS

On this format, list the average daily unit power level in MWe-Net for each day in the reporting month. Compute to the nearest whole megawatt.

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH FEBRUARY, 1981

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No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
L. R. to 80%	2/7/81 through 2/9/81	S	49.0	B	1	NA	HC	HTECH-D	Load reduction performed to allow replacement of condenser sacrificial anodes. Circulating water intake trash racks were also cleaned and turbine valve surveillance testing performed.

¹
 F: Forced
 S: Scheduled

²
 Reason:
 A-Equipment Failure (Explain)
 B-Maintenance of Test
 C-Refueling
 D-Regulatory Restriction
 E-Operator Training & License Examination
 F-Administrative
 G-Operational Error (Explain)
 H-Other (Explain)

³
 Method:
 1-Manual
 2-Manual Scram.
 3-Automatic Scram.
 4-Other (Explain)

⁴
 Exhibit G - Instructions for Preparation of Data Entry Sheets for Licensee Event Report (LER) File (NUREG-0161)

⁵
 Exhibit I - Same Source

(1/77)

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UNIT Maine Yankee
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REPORT MONTH FEBRUARY, 1981

SUMMARY OF OPERATING EXPERIENCES

At the beginning of the month the Plant was at full load.

On February 7, a load reduction to 80% was performed to allow replacement of the sacrificial anodes in the condenser waterboxes. Additionally, during this load reduction, the circulating water system intake trash racks were cleaned and turbine valve surveillance testing was performed.

The Plant returned to full power on Februray 9 and remained there for the rest of the month.