

MAINE YANKEE NUCLEAR POWER STATION
MONTHLY STATISTICAL REPORT 79-07
FOR THE MONTH OF JULY, 1979

650 093

7908140774

OPERATING DATA REPORT

DOCKET NO. 50-309
 DATE 790810
 COMPLETED BY R.M. Sjorren
 TELEPHONE (617) 366-9011
X2281

OPERATING STATUS

1. Unit Name: Maine Yankee
2. Reporting Period: July 1979
3. Licensed Thermal Power (MWt): 2,630
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 LP turbines.

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

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	744	5,087	-
12. Number Of Hours Reactor Was Critical	744	3,167.44	48,211.06
13. Reactor Reserve Shutdown Hours	0	0	0
14. Hours Generator On-Line	744	3,091.59	46,614.76
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	1,876,586	7,442,640	98,557,001
17. Gross Electrical Energy Generated (MWH)	616,720	2,488,860	32,356,670
18. Net Electrical Energy Generated (MWH)	608,452	2,408,850	30,697,046
19. Unit Service Factor	100	60.7	79.1
20. Unit Availability Factor	100	60.7	79.1
21. Unit Capacity Factor (Using MDC Net)	100.9	58.5	67.9
22. Unit Capacity Factor (Using DER Net)	99.1	57.4	65.5
23. Unit Forced Outage Rate	0.0	39.2	7.2

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):

	Forecast	Achieved
INITIAL CRITICALITY	_____	_____
INITIAL ELECTRICITY	_____	_____
COMMERCIAL OPERATION	_____	_____

INITIAL CRITICALITY
 INITIAL ELECTRICITY
 COMMERCIAL OPERATION

Forecast

Achieved

AVERAGE DAILY UNIT POWER LEVEL

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MONTH July 1979

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>836</u>	17	<u>833</u>
2	<u>839</u>	18	<u>832</u>
3	<u>834</u>	19	<u>832</u>
4	<u>836</u>	20	<u>828</u>
5	<u>701</u>	21	<u>828</u>
6	<u>662</u>	22	<u>825</u>
7	<u>739</u>	23	<u>827</u>
8	<u>835</u>	24	<u>829</u>
9	<u>836</u>	25	<u>824</u>
10	<u>836</u>	26	<u>822</u>
11	<u>837</u>	27	<u>825</u>
12	<u>837</u>	28	<u>822</u>
13	<u>832</u>	29	<u>819</u>
14	<u>836</u>	30	<u>821</u>
15	<u>835</u>	31	<u>820</u>
16	<u>836</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.

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REPORT MONTH July 1979

SUMMARY OF OPERATING EXPERIENCES

At the beginning of the month the plant was operating at ~97% reactor power limited by the 864 MWe maximum load permitted on the low pressure turbine blading.

On July 5 a load reduction to 75% was performed to allow surveillance testing of the turbine valves and also to perform mussel control operations of the Service Water headers. Load was back to ~97% on July 7 and remained there for the rest of the month.

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH July 1979

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650 097

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
LR to 75%	7-5-79 thru 7-7-79	S	53.00	B	1	N/A	N/A	N/A	Turbine Valve Testing and Mussel Control Operations of Service Water Headers.

¹
 F: Forced
 S: Scheduled

²
 Reason:
 A-Equipment Failure (Explain)
 B-Maintenance or 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

(1/17)