

MAINE YANKEE NUCLEAR POWER STATION

MONTHLY STATISTICAL REPORT 82-8

FOR THE MONTH OF AUGUST, 1982

OPERATING DATA REPORT

DOCKET NO. 50-309
 DATE 820913
 COMPLETED BY J. Phillips
 TELEPHONE (617) 872-8100 X2390

OPERATING STATUS

1. Unit Name: Maine Yankee
2. Reporting Period: August, 1982
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 #1 low pressure turbine.

9. Power Level To Which Restricted, If Any (Net MWe): 835 MWe (≈97%)
10. Reasons For Restrictions, If Any: See notes

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	744.00	5,831.00	
12. Number Of Hours Reactor Was Critical	699.00	5,200.00	70,108.64
13. Reactor Reserve Shutdown Hours	0.00	0.00	0.00
14. Hours Generator On-Line	681.80	5,090.80	67,801.43
15. Unit Reserve Shutdown Hours	0.00	0.00	0.00
16. Gross Thermal Energy Generated (MWH)	1,684,130.00	12,684,658.00	148,777,888.00
17. Gross Electrical Energy Generated (MWH)	536,770.00	4,080,790.00	48,750,540.00
18. Net Electrical Energy Generated (MWH)	510,724.00	3,888,312.00	46,331,578.00
19. Unit Service Factor	91.64	87.31	78.84
20. Unit Availability Factor	100.00	90.92	85.51
21. Unit Capacity Factor (Using MDC Net)	84.75	82.33	69.00
22. Unit Capacity Factor (Using DER Net)	83.21	80.83	66.95
23. Unit Forced Outage Rate	0.00	2.11	6.65

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
Refueling outage scheduled in late September for an eight week period.

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	_____	_____

AVERAGE DAILY UNIT POWER LEVEL

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DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	775	17	763
2	779	18	764
3	773	19	776
4	778	20	774
5	690	21	784
6	745	22	782
7	767	23	771
8	754	24	732
9	734	25	759
10	657	26	753
11	570	27	752
12	0	28	671
13	* 358	29	743
14	151	30	759
15	710	31	728
16	730		

* Unit actually shutdown. Average daily net reflects adjustment of +8580 MWe to Gross MWe meter on 13 August.

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

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REPORT MONTH August, 1982

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
9/82/6	820812	S	62.2	B	1	NA	-	-	Manual shutdown for scheduled maintenance.
L.R. to 80%	820828	S	0	B	4	NA	HA	VALVEX-C	Load reduction for turbine valve testing and mussel control.

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

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TELEPHONE	<u>(617) 872-8100 X2390</u>

REPORT MONTH August, 1982

SUMMARY OF OPERATING EXPERIENCES

The plant was at full power at the beginning of the month.

On August 12th, the plant was shutdown for scheduled maintenance. The plant returned to full power on August 15th.

On August 28th, a load reduction to 80% was completed for turbine valve testing and mussel control. The plant returned to full power the same day.

The plant was "coasting down" (90%) at the end of the month.