

MAINE YANKEE NUCLEAR POWER STATION
MONTHLY STATISTICAL REPORT 82-5
FOR THE MONTH OF MAY, 1982

8211100106 820610
PDR ADOCK 05000309
R PDR

OPERATING DATA REPORT

DOCKET NO. 50-309
 DATE 820610
 COMPLETED BY A.E.Doyle
 TELEPHONE (617) 872-8100 X2390

OPERATING STATUS

- 1. Unit Name: Maine Yankee
- 2. Reporting Period: May, 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	3,623.00	
12. Number Of Hours Reactor Was Critical	740.50	3,051.50	67,960.14
13. Reactor Reserve Shutdown Hours	0.00	0.00	0.00
14. Hours Generator On-Line	714.80	2,968.40	65,679.03
15. Unit Reserve Shutdown Hours	0.00	0.00	0.00
16. Gross Thermal Energy Generated (MWH)	1,797,596.00	7,366,742.00	143,459,972.00
17. Gross Electrical Energy Generated (MWH)	580,680.00	2,387,190.00	47,056,940.00
18. Net Electrical Energy Generated (MWH)	553,724.00	2,275,180.00	44,718,446.00
19. Unit Service Factor	96.08	81.93	78.39
20. Unit Availability Factor	96.08	81.93	78.39
21. Unit Capacity Factor (Using MDC Net)	91.88	77.53	68.44
22. Unit Capacity Factor (Using DER Net)	90.21	76.12	66.38
23. Unit Forced Outage Rate	3.92	3.57	6.85

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
Refueling outage, October thru November

- 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

DOCKET NO. 50-309
 UNIT Maine Yankee
 DATE 820610
 COMPLETED BY A.E. Doyle
 TELEPHONE (617)872-8100 X235

MONTH MAY, 1982

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	641
2	733
3	791
4	792
5	793
6	792
7	792
8	792
9	793
10	793
11	791
12	791
13	793
14	787
15	781
16	30

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	357
18	772
19	791
20	789
21	792
22	785
23	787
24	790
25	753
26	829
27	789
28	789
29	787
30	788
31	787

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

DOCKET NO. 50-309
 UNIT NAME Maine Yankee
 DATE 820610
 COMPLETED BY A.E. Doyle
 TELEPHONE (617)872-8100 X2390

REPORT MONTH MAY, 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
L.R. to 75%	820501	S	0	B	4	NA	HA	VALVEX-C	Load reduction for turbine valve testing.
7-82-6	820515	F	29.2	B	1	NA	HD	PIPEXX-A	Turbine Shutdown completed to repair two gland steam lines off a HP turbine cylinder head.

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

(9/77)

DOCKET NO. 50-309
UNIT Maine Yankee
DATE 820610
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REPORT MONTH MAY, 1982

SUMMARY OF OPERATING EXPERIENCES

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

On May 1st, a load reduction to 75% was completed for turbine valve testing. The plant returned to full power on May 2nd.

On May 15th, a turbine shutdown was completed to repair two gland steam lines off a HP turbine cylinder head. The plant returned to full power on May 18th.

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