

YANKEE ATOMIC NUCLEAR POWER STATION

MONTHLY STATISTICAL REPORT 82-4

FOR THE MONTH OF APRIL, 1982

8211100110 820512
PDR ADOCK 05000029
R PDR

OPERATING DATA REPORT

DOCKET NO. 50-29
 DATE 820512
 COMPLETED BY A.E. Doyle
 TELEPHONE 617-872-8100-X2390

OPERATING STATUS

1. Unit Name Yankee Rowe
2. Reporting Period: April, 1982
3. Licensed Thermal Power (MWt): 600
4. Nameplate Rating (Gross MWe): 185
5. Design Electrical Rating (Net MWe): 175
6. Maximum Dependable Capacity (Gross MWe): 180
7. Maximum Dependable Capacity (Net MWe): 175
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:

Notes

Power level restricted by installation of baffle plates in turbine.

9. Power Level To Which Restricted, If Any (Net MWe): 150 MWe
10. Reasons For Restrictions, If Any: See notes

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	719.00	2,879.00	149,810.15
12. Number Of Hours Reactor Was Critical	719.00	2,879.00	0.00
13. Reactor Reserve Shutdown Hours	0.00	0.00	0.00
14. Hours Generator On-Line	719.00	2,879.00	145,359.50
15. Unit Reserve Shutdown Hours	0.00	0.00	0.00
16. Gross Thermal Energy Generated (MWH)	425,044.00	1,704,843.00	78,209,776.52
17. Gross Electrical Energy Generated (MWH)	110,936.10	441,487.40	23,781,191.10
18. Net Electrical Energy Generated (MWH)	103,162.88	410,288.79	22,253,382.47
19. Unit Service Factor	100.00	100.00	77.26
20. Unit Availability Factor	100.00	100.00	77.26
21. Unit Capacity Factor (Using MDC Net)	81.99	81.43	69.63
22. Unit Capacity Factor (Using DER Net)	81.99	81.43	69.63
23. Unit Forced Outage Rate	0.00	0.00	5.11

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
Core XVI thirteen-week refueling/maintenance shutdown is scheduled to begin September 11, 1982.

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. 50-29
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MONTH APRIL, 1982

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>143.5</u>	17	<u>146.1</u>
2	<u>143.6</u>	18	<u>146.5</u>
3	<u>143.5</u>	19	<u>146.8</u>
4	<u>82.9</u>	20	<u>146.8</u>
5	<u>141.5</u>	21	<u>146.5</u>
6	<u>145.2</u>	22	<u>146.5</u>
7	<u>145.8</u>	23	<u>146.2</u>
8	<u>145.8</u>	24	<u>146.2</u>
9	<u>145.9</u>	25	<u>146.8</u>
10	<u>145.9</u>	26	<u>145.8</u>
11	<u>145.9</u>	27	<u>146.2</u>
12	<u>145.8</u>	28	<u>145.9</u>
13	<u>145.9</u>	29	<u>145.3</u>
14	<u>145.9</u>	30	<u>144.9</u>
15	<u>145.9</u>	31	<u>--</u>
16	<u>146.0</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 APRIL, 1982

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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
2	820404	S	0.0	B	4	N/A	N/A	N/A	Power reduction of >20% for a 24-hour period resulted to allow completion of condenser water box tube cleaning.

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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REPORT MONTH APRIL, 1982

SUMMARY OF OPERATING EXPERIENCES

- 4/4 At 0001 hours a load reduction was begun to allow Turbine Throttle and Control Valve exercises as well as cleaning of the condenser cast water box. At 2300 hours load increase was started.
- 4/5 At 0415 hours the plant was again at full power.