

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

655 144
7908140 373 R

OPERATING DATA REPORT

DOCKET NO. 50-29
 DATE 790810
 COMPLETED BY R.M. Siogren
 TELEPHONE (617) 366-9011
 X2281

OPERATING STATUS

1. Unit Name: Yankee Rowe
 2. Reporting Period: July 1979
 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

Notes

8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:

9. Power Level To Which Restricted, If Any (Net MWe): 155 MWe
 10. Reasons For Restrictions, If Any: Boiler feed pump inoperative

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	<u>744</u>	<u>5,087</u>	<u>-</u>
12. Number Of Hours Reactor Was Critical	<u>744</u>	<u>4,889.5</u>	<u>136,080.4</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
14. Hours Generator On-Line	<u>744</u>	<u>4,878.78</u>	<u>131,756.78</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated (MWH)	<u>438,865</u>	<u>2,851,859</u>	<u>70,425,404</u>
17. Gross Electrical Energy Generated (MWH)	<u>134,182.7</u>	<u>899,087.8</u>	<u>21,660,035.8</u>
18. Net Electrical Energy Generated (MWH)	<u>126,033.5</u>	<u>845,212</u>	<u>20,279,092.68</u>
19. Unit Service Factor	<u>100</u>	<u>95.9</u>	<u>80.3</u>
20. Unit Availability Factor	<u>100</u>	<u>95.9</u>	<u>80.3</u>
21. Unit Capacity Factor (Using MDC Net)	<u>96.8</u>	<u>94.9</u>	<u>73.4</u>
22. Unit Capacity Factor (Using DER Net)	<u>96.8</u>	<u>94.9</u>	<u>73.4</u>
23. Unit Forced Outage Rate	<u>0.0</u>	<u>3.5</u>	<u>1.7</u>

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
Per I & E Bulletin 79-13 September 8, 1979 1 Week

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	<u> </u>	<u> </u>
INITIAL ELECTRICITY	<u> </u>	<u> </u>
COMMERCIAL OPERATION	<u>655</u>	<u>145</u>

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>169.4</u>	17	<u>172.1</u>
2	<u>170.3</u>	18	<u>172.4</u>
3	<u>172.4</u>	19	<u>172.7</u>
4	<u>171.0</u>	20	<u>172.5</u>
5	<u>170.8</u>	21	<u>172.5</u>
6	<u>125.9</u>	22	<u>171.9</u>
7	<u>166.4</u>	23	<u>171.2</u>
8	<u>171.1</u>	24	<u>171.1</u>
9	<u>170.9</u>	25	<u>170.6</u>
10	<u>171.8</u>	26	<u>170.1</u>
11	<u>171.5</u>	27	<u>169.9</u>
12	<u>171.4</u>	28	<u>169.6</u>
13	<u>171.5</u>	29	<u>168.7</u>
14	<u>171.7</u>	30	<u>168.2</u>
15	<u>171.9</u>	31	<u>168.5</u>
16	<u>171.5</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.

(9/77)

655 146

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REPORT MONTH July 1979

SUMMARY OF OPERATING EXPERIENCES

- 7/6 At 0500 hours a load reduction was begun to perform turbine throttle and control valve exercise. At 0800 hours with plant load at approximately 140 MWe the valve exercise was commenced. At 0925 hours the exercise was completed but load was reduced to 80 MWe to repair LCV-402 on the heater drain pump discharge line. At 1530 hours commenced load increase. At 2020 hours a hold at 155 MWe to correct a problem with No. 3 Boiler feed pump motor.
- 7/7 At 0315 hours the feed pump was released from maintenance and load was increased. At 0604 hours the plant was at full load.

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH July 1979

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No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	License Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

1 F: Forced
 S: Scheduled

2 Reason:
 A-Equipment Failure (Explain)
 B-Maintenance or Test
 C-Retueling
 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 License Event Report (LER) File (NUREG-0161)

5 Exhibit I - Same Source