

YANKEE ATOMIC NUCLEAR POWER STATION

MONTHLY STATISTICAL REPORT 78-10

FOR THE MONTH OF OCTOBER, 1978

7811140122

50-029R

OPERATING DATA REPORT

DOCKET NO. 50-29
 DATE 781110
 COMPLETED BY R.M. Sjogren
 TELEPHONE 617 366 9011 X2281

OPERATING STATUS

1. Unit Name: Yankee Rowe
2. Reporting Period: October 1978
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 Time change during month of October.

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): None
 10. Reasons For Restrictions, If Any: N/A
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-

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	745	7,296	-
12. Number Of Hours Reactor Was Critical	487.2	6,870.62	130,864.4
13. Reactor Reserve Shutdown Hours	0	0	0
14. Hours Generator On-Line	486.7	6,849.76	126,633.87
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	279,496.8	4,048,646.2	67,464,285.11
17. Gross Electrical Energy Generated (MWH)	83,701.3	1,236,621.6	20,726,968.3
18. Net Electrical Energy Generated (MWH)	78,434.58	1,161,900.5	19,402,402.4
19. Unit Service Factor	65.32	93.88	80.37
20. Unit Availability Factor	65.32	96.46	-
21. Unit Capacity Factor (Using MDC Net)	60.16	91.0	72.95
22. Unit Capacity Factor (Using DER Net)	60.16	90.0	72.95
23. Unit Forced Outage Rate	0.0	2.4	1.6

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: December 1, 1978

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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UNIT Yankee Rowe

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MONTH October 1978

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>166.8</u>
2	<u>166.6</u>
3	<u>166.7</u>
4	<u>166.7</u>
5	<u>166.3</u>
6	<u>166</u>
7	<u>166.3</u>
8	<u>165.5</u>
9	<u>164.9</u>
10	<u>164</u>
11	<u>162.9</u>
12	<u>162</u>
13	<u>161.3</u>
14	<u>160.5</u>
15	<u>159.8</u>
16	<u>159.3</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>158.1</u>
18	<u>157.5</u>
19	<u>156.9</u>
20	<u>152.5</u>
21	<u>17.3</u>
22	<u>0</u>
23	
24	
25	
26	
27	
28	
29	
30	
31	

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 October 1978

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
12	10/21/78	S	258.3	C	1	None	N/A	N/A	Scheduled core refueling and maintenance outage.

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

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TELEPHONE	<u>617 366 9011 X2281</u>

REPORT MONTH October 1978

SUMMARY OF OPERATING EXPERIENCES

- 10/21 At 0640 hours the turbine generator was taken off the line for Core XIII - XIV refueling and maintenance outage.
- 10/21 At 0710 hours the turbine overspeed test was satisfactorily performed and the plant was placed in Operational Mode III.