

YANKEE ATOMIC NUCLEAR POWER STATION

MONTHLY STATISTICAL REPORT 78-3

FOR THE MONTH OF MARCH, 1978

8011060 885

# OPERATING DATA REPORT

DOCKET NO. 50-59  
 DATE 780412  
 COMPLETED BY R.M. Sjogren  
 TELEPHONE (617) 366-9011

## OPERATING STATUS

1. Unit Name: Yankee Rowe
2. Reporting Period: March 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
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:  
None

Notes

9. Power Level To Which Restricted, If Any (Net MWe): N.A.
10. Reasons For Restrictions, If Any: N.A.

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	744	2,160	-
12. Number Of Hours Reactor Was Critical	744	2,002	125,995
13. Reactor Reserve Shutdown Hours	0	0	0
14. Hours Generator On-Line	744	1,985	121,769
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	445,042	1,178,278	64,594,046
17. Gross Electrical Energy Generated (MWH)	137,563	364,248	19,854,595
18. Net Electrical Energy Generated (MWH)	129,391	342,415	18,582,917
19. Unit Service Factor	100.0	91.9	79.9
20. Unit Availability Factor	100.0	100.0	-
21. Unit Capacity Factor (Using MDC Net)	99.4	90.6	72.3
22. Unit Capacity Factor (Using DER Net)	99.4	90.6	72.3
23. Unit Forced Outage Rate	0.0	7.5	1.7
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): <u>None Scheduled</u>			

25. If Shut Down At End Of Report Period, Estimated Date of Startup: N.A.
26. Units In Test Status (Prior to Commercial Operation):

INITIAL CRITICALITY  
 INITIAL ELECTRICITY  
 COMMERCIAL OPERATION

Forecast	Achieved
_____	_____
_____	_____
_____	_____

POOR ORIGINAL (9/77)

# AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-59  
 UNIT Yankee Rowe  
 DATE 780412  
 COMPLETED BY R. M. Sjogren  
 TELEPHONE (617) 366-9011

MONTH March 1978

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>174</u>
2	<u>174</u>
3	<u>174</u>
4	<u>174</u>
5	<u>166</u>
6	<u>174</u>
7	<u>174</u>
8	<u>174</u>
9	<u>174</u>
10	<u>175</u>
11	<u>175</u>
12	<u>175</u>
13	<u>174</u>
14	<u>174</u>
15	<u>174</u>
16	<u>174</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>174</u>
18	<u>174</u>
19	<u>174</u>
20	<u>173</u>
21	<u>174</u>
22	<u>174</u>
23	<u>174</u>
24	<u>174</u>
25	<u>174</u>
26	<u>174</u>
27	<u>174</u>
28	<u>174</u>
29	<u>174</u>
30	<u>174</u>
31	<u>174</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 March 1978

DOCKET NO. 50-59  
 UNIT NAME Yankee Rowe  
 DATE 780412  
 COMPLETED BY R. H. Sjogren  
 TELEPHONE (617)366-9011

No.	Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Shutting Down Reactor <sup>3</sup>	Licensee Event Report #	System Code <sup>4</sup>	Component Code <sup>5</sup>	Cause & Corrective Action to Prevent Recurrence
-	780305	S	0	B	1		ZZ	ZZZZZZ	30% load reduction for 8 hours to perform turbine throttle valve surveillance test

<sup>1</sup>  
 F: Forced  
 S: Scheduled

<sup>2</sup>  
 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)

<sup>3</sup>  
 Method:  
 1-Manual  
 2-Manual Scram.  
 3-Automatic Scram.  
 4-Other (Explain)

<sup>4</sup>  
 Exhibit G - Instructions  
 for Preparation of Data  
 Entry Sheets for Licensee  
 Event Report (LER) File (NUREG-  
 0161)

<sup>5</sup>  
 Exhibit I - Same Source

DOCKET NO. 50-59  
UNIT Yankee Rowe  
DATE 780412  
COMPLETED BY R. M. Sjogren  
TELEPHONE (617) 366-9011

SUMMARY OF OPERATING EXPERIENCES

The plant operated at 100% of rated power for the entire period, except for one load reduction on March 5. At 0100 hours, load was reduced from 185 MW to 130 MW to perform turbine throttle and control valve surveillance testing. Testing was complete at 0500 and the return to full power was complete at 0900. There are no major safety-related maintenance items to report.

C 04/18/78

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50-029


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DOC DATE: 04/12/78  
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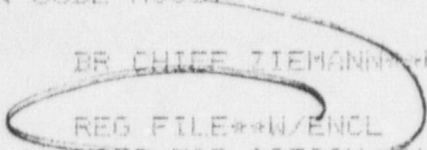
PLANT NAME: YANKEE ROWE

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