

YANKEE ATOMIC NUCLEAR POWER STATION

MONTHLY STATISTICAL REPORT 78-6

FOR THE MONTH OF JUNE, 1978

8011070002

OPERATING DATA REPORT

DOCKET NO. 50-29  
 DATE 780710  
 COMPLETED BY R.M. Sjogren  
 TELEPHONE (617) 366-9011  
 x. 218

OPERATING STATUS

1. Unit Name: Yankee Rowe  
 2. Reporting Period: June 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:

Notes

9. Power Level To Which Restricted, If Any (Net MWe): None  
 10. Reasons For Restrictions, If Any: N/A

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	<u>720</u>	<u>4,343</u>	<u>-</u>
12. Number Of Hours Reactor Was Critical	<u>720</u>	<u>4,184.59</u>	<u>128,178.37</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
14. Hours Generator On-Line	<u>720</u>	<u>4,168</u>	<u>123,952.13</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated (MWH)	<u>430,952</u>	<u>2,475,230.5</u>	<u>65,890,869.41</u>
17. Gross Electrical Energy Generated (MWH)	<u>132,315.2</u>	<u>762,541.5</u>	<u>20,252,888.2</u>
18. Net Electrical Energy Generated (MWH)	<u>124,465.183</u>	<u>716,929.183</u>	<u>18,957,431.08</u>
19. Unit Service Factor	<u>100.0</u>	<u>96.0</u>	<u>80.2</u>
20. Unit Availability Factor	<u>100.0</u>	<u>100.0</u>	<u>not available</u>
21. Unit Capacity Factor (Using MDC Net)	<u>98.8</u>	<u>94.3</u>	<u>72.7</u>
22. Unit Capacity Factor (Using DER Net)	<u>98.8</u>	<u>94.3</u>	<u>72.7</u>
23. Unit Forced Outage Rate	<u>0.0</u>	<u>3.7</u>	<u>1.6</u>

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):  
Refueling October 20, 1978 6 weeks

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 | _____    | _____    |

POOR ORIGINAL

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-29  
 UNIT Yankee Rowe  
 DATE 780 10  
 COMPLETED BY R.M. Sjogren  
 TELEPHONE (617)366-9011  
 x.218

MONTH June 1978

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	172.9	17	173.4
2	173.4	18	173.2
3	173.4	19	173.1
4	173.4	20	173.0
5	173.3	21	173.2
6	173.4	22	173.2
7	173.4	23	173.1
8	173.4	24	173.1
9	173.5	25	165.5
10	173.5	26	172.4
11	173.5	27	172.4
12	173.3	28	172.3
13	173.4	29	172.3
14	173.3	30	172.1
15	173.3	31	
16	173.4		

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 June 1978

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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
8	6/25	S	7.2	B	N/A	N/A	N/A	N/A	Throttle and Control Valve Exercise

POOR ORIGINAL

<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

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REPORT MONTH June 1978

SUMMARY OF OPERATING EXPERIENCES

6-25 At 0300 hours a load reduction for throttle and control valve exercise was commenced. At 0530 hours, with plant load at 140 MWe, the throttle valve exercise commenced. At 0637 hours the throttle valve exercise was completed and plant load was increased. At 1010 hours the plant was at full allowable power.

Don/13/8

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)  
DISTRIBUTION FOR INCOMING MATERIAL

50-029

REC:  
NRC

ORG: MOODY D E  
YANKEE ATOMIC ELEC

DOC DATE: 07/10/78  
DATE RCVD: 07/13/78

DOCTYPE: LETTER NOTARIZED: NO

COPIES RECEIVED  
LTR 1 ENCL 1

SUBJECT:  
FORWARDING SUBJECT FACILITY'S MONTHLY OPERATING REPT FOR THE MONTH OF JUNE  
1978.

PLANT NAME: YANKEE ROWE

REVIEWER INITIAL: XJM  
DISTRIBUTOR INITIAL: M

\*\*\*\*\* DISTRIBUTION OF THIS MATERIAL IS AS FOLLOWS \*\*\*\*\*

ANNUAL & SEMI-ANNUAL OPERATING REPORTS (OL STAGE).  
(DISTRIBUTION CODE A008)

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I & E\*\*W/2 ENCL  
HANAUER\*\*W/ENCL  
AD FOR SYS & PROJ\*\*W/ENCL  
REACTOR SAFETY BR\*\*W/ENCL  
EEB\*\*W/ENCL  
EFFLUENT TREAT SYS\*\*W/ENCL

NRC PDR\*\*W/ENCL  
MIPC\*\*W/2 ENCL  
DIRECTOR DOR\*\*W/ENCL  
ENGINEERING BR\*\*W/ENCL  
PLANT SYSTEMS BR\*\*W/ENCL  
P. CHECK\*\*W/ENCL

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