

**OPERATING DATA REPORT**

DOCKET NO. 50-29  
 DATE 820709  
 COMPLETED BY A.E. Doyle  
 TELEPHONE (617) 872-8100 X2390

**OPERATING STATUS**

1. Unit Name: Yankee Rowe
2. Reporting Period: June, 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	720.00	4,343.00	
12. Number Of Hours Reactor Was Critical	707.60	4,330.60	151,261.75
13. Reactor Reserve Shutdown Hours	0.00	0.00	0.00
14. Hours Generator On-Line	701.90	4,324.90	146,805.40
15. Unit Reserve Shutdown Hours	0.00	0.00	0.00
16. Gross Thermal Energy Generated (MWH)	415,244.00	2,564,894.00	79,069,827.52
17. Gross Electrical Energy Generated (MWH)	106,347.80	663,062.20	24,002,765.90
18. Net Electrical Energy Generated (MWH)	98,735.10	616,181.31	22,459,274.99
19. Unit Service Factor	97.49	99.58	77.42
20. Unit Availability Factor	97.49	99.58	77.42
21. Unit Capacity Factor (Using MDC Net)	78.36	81.07	69.71
22. Unit Capacity Factor (Using DER Net)	78.36	81.07	69.71
23. Unit Forced Outage Rate	2.51	.42	5.07

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):  
Core XV-XVI Refueling: scheduled shutdown on September 11, 1982;  
scheduled for 13 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	_____	_____

**AVERAGE DAILY UNIT POWER LEVEL**

DOCKET NO. 50-29

UNIT Yankee Rowe

DATE 820709

COMPLETED BY A.E. Doyle

TELEPHONE (617) 872-8100  
X2390

MONTH JUNE, 1982

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	142.9
2	143.1
3	143.0
4	143.2
5	143.0
6	143.3
7	143.1
8	143.3
9	143.4
10	142.8
11	142.8
12	143.0
13	136.3
14	142.9
15	142.9
16	142.9

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	142.8
18	142.5
19	142.4
20	142.3
21	142.2
22	142.2
23	141.9
24	142.0
25	141.8
26	141.0
27	141.7
28	141.6
29	37.8
30	89.7
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

DOCKET NO. 50-29  
 UNIT NAME Yankee Rowe  
 DATE 820709  
 COMPLETED BY A.E. Doyle  
 TELEPHONE (617)872-8100 X2390

REPORT MONTH JUNE, 1982

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
3	820629	F	18.1	H	3	N/A	N/A	N/A	N/A

Shutdown due to turbine trip caused by loss of Z-126 high line during a thunderstorm.

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

<sup>2</sup>  
 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)

<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. 50-29  
UNIT Yankee Rowe  
DATE 820709  
COMPLETED BY A.E. Doyle  
TELEPHONE (617) 872-8100 X2390

REPORT MONTH JUNE, 1982

SUMMARY OF OPERATING EXPERIENCES

- 6/13/82: Power reduced at 0001 for throttle valve and non-return valve testing. Testing completed satisfactorily at 0450.
- 6/29/82: Plant trip at 0629 from 100% power due to loss of Z-126 high line during a thunderstorm.
- 6/30/82: Plant back on line at 0033. Power increased to the reduced power limit of 467 KWT. Reduced power held for 24 hours.