

YANKEE ATOMIC NUCLEAR POWER STATION

MONTHLY STATISTICAL REPORT 82-8

FOR THE MONTH OF AUGUST, 1982

8211020180 820913
PDR ADOCK 05000029
R PDR

OPERATING DATA REPORT

DOCKET NO. 50-29
 DATE 820913
 COMPLETED BY J. Phillips
 TELEPHONE (617) 872-8100 X2390

OPERATING STATUS

1. Unit Name: Yankee Rowe
2. Reporting Period: August, 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	744.00	5,831.00	
12. Number Of Hours Reactor Was Critical	739.60	5,811.38	152,742.53
13. Reactor Reserve Shutdown Hours	0.00	0.00	0.00
14. Hours Generator On-Line	737.60	5,803.68	148,284.18
15. Unit Reserve Shutdown Hours	0.00	0.00	0.00
16. Gross Thermal Energy Generated (MWH)	386,782.00	3,391,126.00	79,896,059.52
17. Gross Electrical Energy Generated (MWH)	94,731.70	868,690.20	24,208,393.90
18. Net Electrical Energy Generated (MWH)	87,003.52	806,103.86	22,649,197.54
19. Unit Service Factor	99.14	99.53	77.59
20. Unit Availability Factor	99.14	99.53	77.59
21. Unit Capacity Factor (Using MDC Net)	66.82	79.00	69.74
22. Unit Capacity Factor (Using DER Net)	66.82	79.00	69.74
23. Unit Forced Outage Rate	0.00	0.36	5.03

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
Core XIV-XV Refueling: shutdown scheduled for September 11, 1982
for a scheduled duration of 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 820913

COMPLETED BY J. Phillips

TELEPHONE (617) 872-8100 X2390

MONTH August 1982

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	63.0
2	103.1
3	122.4
4	131.1
5	129.8
6	129.4
7	128.8
8	127.9
9	127.1
10	126.3
11	125.3
12	124.4
13	123.7
14	123.0
15	122.3
16	121.0

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	119.9
18	118.4
19	116.7
20	115.9
21	115.5
22	113.9
23	113.1
24	112.8
25	111.6
26	111.5
27	111.4
28	110.0
29	109.0
30	108.6
31	108.4

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

DOCKET NO. 50-29

UNIT NAME Yankee Rowe

DATE 820913

COMPLETED BY J. Phillips

TELEPHONE (617) 872-8100 X2390

REPORT MONTH August, 1982

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
N/A	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 of 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 License Event Report (LER) File (NUREG-0161)

(2/77)

5

Exhibit I - Same Source

DOCKET NO. 50-29
UNIT Yankee Rowe
DATE 820913
COMPLETED BY J. Phillips
TELEPHONE (617) 872-8100 X2390

REPORT MONTH August, 1982

SUMMARY OF OPERATING EXPERIENCES

8/1/82: 0442, Reactor critical (recovery from 7/30/82 scram)
0644, Generator on-line, plant in mode 1
0700, Started load increase from 10 MWe
1230, Reached reduced power limit of about 115 MWe
8/3/82: 0835, Started load increase to full power
1320, Plant at full load of 148 MWe, plant back in coastdown
Coastdown operation continued for the remainder of the month.