

YANKEE ATOMIC NUCLEAR POWER STATION

MONTHLY STATISTICAL REPORT 82-9

FOR THE MONTH OF SEPTEMBER, 1982

8211110174 821006
PDR ADOCK 05000029
R PDR

OPERATING DATA REPORT

DOCKET NO. 50-29
 DATE 821013
 COMPLETED BY J. Phillips
 TELEPHONE (617) 872-8100 X2390

OPERATING STATUS

1. Unit Name: Yankee Rowe
2. Reporting Period: September, 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	6,551.00	
12. Number Of Hours Reactor Was Critical	248.00	6,059.38	152,990.53
13. Reactor Reserve Shutdown Hours	0.00	0.00	0.00
14. Hours Generator On-Line	246.40	6,050.08	148,530.58
15. Unit Reserve Shutdown Hours	0.00	0.00	0.00
16. Gross Thermal Energy Generated (MWH)	117,260.00	3,508,386.00	80,013,319.52
17. Gross Electrical Energy Generated (MWH)	27,927.50	896,617.70	24,236,321.40
18. Net Electrical Energy Generated (MWH)	25,485.10	831,588.96	22,674,682.64
19. Unit Service Factor	34.22	92.35	77.43
20. Unit Availability Factor	34.22	92.35	77.43
21. Unit Capacity Factor (Using MDC Net)	20.23	72.54	69.54
22. Unit Capacity Factor (Using DER Net)	20.23	72.54	69.54
23. Unit Forced Outage Rate	0.00	.34	5.02
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 11, 1982

	Forecast	Achieved
INITIAL CRITICALITY	_____	_____
INITIAL ELECTRICITY	_____	_____
COMMERCIAL OPERATION	_____	_____

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-29

UNIT Yankee Rowe

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MONTH September, 1982

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>107.9</u>	17	<u>0</u>
2	<u>107.3</u>	18	<u>0</u>
3	<u>106.3</u>	19	<u>0</u>
4	<u>105.7</u>	20	<u>0</u>
5	<u>104.6</u>	21	<u>0</u>
6	<u>104.6</u>	22	<u>0</u>
7	<u>103.6</u>	23	<u>0</u>
8	<u>102.8</u>	24	<u>0</u>
9	<u>102.5</u>	25	<u>0</u>
10	<u>102.1</u>	26	<u>0</u>
11	<u>14.6</u>	27	<u>0</u>
12	<u>0</u>	28	<u>0</u>
13	<u>0</u>	29	<u>0</u>
14	<u>0</u>	30	<u>0</u>
15	<u>0</u>	31	<u>N/A</u>
16	<u>0</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

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 UNIT NAME Yankee Rowe
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REPORT MONTH September, 1982

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
5	9/11/82	S	473.6	C	1	N/A	N/A	N/A	N/A

¹
 F: Forced
 S: Scheduled

²
 Reason:
 A-Equipment Failure (Explain)
 B-Maintenance of Test
 C-Refuel
 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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REPORT MONTH September, 1982

SUMMARY OF OPERATING EXPERIENCES

9/11/82: 0000, Started load reduction from 112 MWE
0622, Generator off-line
0758, Reactor subcritical, plant in mode 3
1150, Started plant cool-down

9/12/82: 0445, Plant in mode 5

9/17/82: 2221, Reactor vessel head unbolted, plant in mode 6

Core XV-XVI refueling outage continued for the remainder of the month.