

# YANKEE ATOMIC ELECTRIC COMPANY

Telephone (508) 779-6711  
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580 Main Street, Bolton, Massachusetts 01740-1398

November 6, 1989  
BYR 89-170

United States Nuclear Regulatory Commission  
Document Control Desk  
Washington, D.C. 20555

Dear Sir:

Submitted herewith is the monthly Statistical Report for the Yankee Atomic Power Station for the month of October, 1989.

Very truly yours,

YANKEE ATOMIC ELECTRIC COMPANY

R. L. Berry  
Assistant to Vice President-Operations

LHH/gbc

Enclosure

cc: Region I  
Resident Inspector - YNPS

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PDR ADOCK 05000029  
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YANKEE ATOMIC NUCLEAR POWER STATION  
MONTHLY STATISTICAL REPORT 89-10  
FOR THE MONTH OF OCTOBER, 1989

OPERATING DATA REPORT

DOCKET NO. 50-29  
 DATE 891106  
 COMPLETED BY K. CARROLL  
 TELEPHONE (508) 779-6711

OPERATING STATUS

1. Unit Name: Yankee Rowe
2. Reporting Period: October, 1989
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): 167
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:

9. Power Level To Which Restricted. If Any (Net MWe):

10. Reasons For Restrictions. If Any:

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	745.00	7,296.00	---
12. Number of Hours Reactor Was Critical	745.00	6,673.20	205,273.27
13. Reactor Reserve Shutdown Hours	0.00	0.00	0.00
14. Hours Generator On-Line	745.00	6,517.41	200,024.71
15. Unit Reserve Shutdown Hours	0.00	0.00	0.00
16. Gross Thermal Energy Generated (MWH)	429,727.00	3,779,038.40	109,417,569.92
17. Gross Electrical Energy Generated (MWH)	127,663.00	1,133,480.20	33,116,182.80
18. Net Electrical Energy Generated (MWH)	119,238.28	1,061,017.83	30,982,460.87
19. Unit Service Factor	100.00	89.33	78.77
20. Unit Availability Factor	100.00	89.33	78.77
21. Unit Capacity Factor (Using MDC Net)	95.84	87.08	74.77
22. Unit Capacity Factor (Using DER Net)	91.48	83.10	71.27
23. Unit Forced Outage Rate	0.00	5.83	5.01
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): None.			

25. If Shutdown 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		

INITIAL CRITICALITY  
 INITIAL ELECTRICITY  
 COMMERCIAL OPERATION

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-29  
 UNIT YANKEE ROWE  
 DATE 891106  
 COMPLETED BY K. CARROLL  
 TELEPHONE (508) 779-6711

MONTH OCTOBER, 1989

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	165.6
2	165.4
3	165.2
4	165.6
5	165.8
6	165.7
7	165.6
8	165.6
9	165.6
10	165.6
11	165.5
12	166.1
13	165.8
14	165.9
15	165.4
16	165.9

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	165.6
18	166.0
19	166.7
20	167.1
21	161.2
22	46.1
23	151.0
24	166.7
25	136.2
26	142.8
27	168.0
28	166.2
29	168.0
30	167.5
31	167.5

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 OCTOBER, 1989

DOCKET NO. 53-29  
 UNIT YANKEE ROWE  
 DATE 891108  
 COMPLETED BY K. CARROLL  
 TELEPHONE (508) 779-6711

No.	Date	1 Type	Duration (Hours)	2 Reason	Method Of Shutting Down Reactor	Licensee Event Report #	System Code 4	Component Code 5	Cause & Corrective Action to Prevent Recurrence
89-13	10/24/89	S	42.0	B	N/A	N/A	N/A	N/A	Reduced load to repair the Y-177 high line. The line was repaired and the plant returned to full load.
89-14	10/25/89	F	26.8	A	N/A	N/A	N/A	N/A	Reduced load to repair a leak from the number one feedwater heater drain line. A section of the drain line was replaced and the plant returned to full load.

1  
 F: Forced  
 S: Scheduled

2  
 Reason:  
 A-Equipment Failure (Explain)  
 B-Maintenance or Test  
 C-Refueling  
 D-Regulatory Restriction  
 E-Operator Training & Licensed 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)

5  
 Exhibit 1 - Same Source

DOCKET NO. 50-29  
UNIT YANKEE ROWE  
DATE 891108  
COMPLETED BY K. CARROLL  
TELEPHONE (508) 779-6711

REPORT MONTH OCTOBER, 1989

SUMMARY OF OPERATING EXPERIENCES

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10/21/89, 1915, Commenced load reduction for Y-177 high line maintenance.

10/23/89, 1316, Plant returned to full load.

10/25/89, 1203, Commenced load reduction to repair number one feedwater heater drain line.

10/26/89, 1450, Plant returned to full load.