

# YANKEE ATOMIC ELECTRIC COMPANY

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

December 10, 1990  
BYR 90-163

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 November, 1990.

Very truly yours.

YANKEE ATOMIC ELECTRIC COMPANY

R. L. Berry  
Assistant to Vice President-Operations

RLB/gbc

Enclosure

cc: Region I  
Resident Inspector - YNPS

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YANKEE ATOMIC NUCLEAR POWER STATION

MONTHLY STATISTICAL REPORT 90-11

FOR THE MONTH OF NOVEMBER, 1990

OPERATING DATA REPORT

DOCKET NO. 50-29  
 DATE 901212  
 COMPLETED BY K. CARROLL  
 TELEPHONE (508) 779-5711

OPERATING STATUS

1. Unit Name: Yankee Rowe
2. Reporting Period: November, 1990
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	720.00	8,016.00	---
12. Number of Hours Reactor Was Critical	504.30	4,564.00	211,401.27
13. Reactor Reserve Shutdown Hours	0.00	0.00	0.00
14. Hours Generator On-Line	434.60	4,591.40	206,080.11
15. Unit Reserve Shutdown Hours	0.00	0.00	0.00
16. Gross Thermal Energy Generated (MWH)	220,340.00	2,567,407.00	112,861,349.92
17. Gross Electrical Energy Generated (MWH)	66,998.50	769,395.50	34,148,915.00
18. Net Electrical Energy Generated (MWH)	62,224.68	718,322.55	31,946,867.45
19. Unit Service Factor	60.36	57.28	78.23
20. Unit Availability Factor	60.36	57.28	78.23
21. Unit Capacity Factor (Using MDC Net)	51.75	53.66	74.26
22. Unit Capacity Factor (Using DER Net)	49.38	51.21	73.79
23. Unit Forced Outage Rate	0.00	0.00	4.87
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):			

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 901212  
 COMPLETED BY K. CARROLL  
 TELEPHONE (808) 779-6711

MONTH November, 1990

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	00.0	17	151.3
2	00.0	18	157.0
3	00.0	19	154.3
4	00.0	20	163.5
5	00.0	21	166.0
6	00.0	22	171.4
7	00.0	23	171.4
8	00.0	24	171.6
9	00.0	25	171.6
10	00.0	26	108.0
11	08.5	27	165.8
12	11.0	28	171.8
13	67.0	29	181.8
14	71.7	30	171.8
15	105.6	31	- - -
16	120.9		

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 November, 1980

DOCKET NO. 80-90  
 UNIT YANKEE ROWE  
 DATE 901212  
 COMPLETED BY K. CARROLL  
 TELEPHONE (508) 770-8711

No.	Date	1 Type	Duration (Hours)	2 Reason	Method Of Shutting Down Reactor	3 Event Report #	Licensee System Code 4	Component Code 5	Cause & Corrective Action to Prevent Recurrence
90-01	06/23/80	S	3,389.70	C	4	N/A	N/A	N/A	Core 21 Refueling outage
90-02	11/12/80	S	29.00	B	1	N/A	N/A	N/A	Gen off-line for Turbine Overspeed Trip
90-03	11/26/80	F	34.00	B	N/A	N/A	N/A	N/A	Load Reduction for Condenser Tube Leak Inspection and Repair

- |   |   |  |  |
|---|---|--|--|
| <p>1<br/>F: Forced<br/>S: Scheduled</p> | <p>2<br/>Reason:<br/>A-Equipment Failure (Explain)<br/>B-Maintenance or Test<br/>C-Refueling<br/>D-Regulatory Restriction<br/>E-Operator Training &amp; Licensed Examination<br/>F-Administrative<br/>G-Operational Error (Explain)<br/>H-Other (Explain)</p> | <p>3<br/>Method:<br/>1-Manual<br/>2-Manual Scram.<br/>3-Automatic Scram.<br/>4-Other (Explain)</p> | <p>4<br/>Exhibit G-Instructions<br/>for Preparation of Data<br/>Entry Sheets for License<br/>Event Report (LER) File<br/>(NUREG-0161)</p> <p>5<br/>Exhibit I - Same Source</p> |
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DOCKET NO. 60-29  
UNIT YANKEE POWER  
DATE 901212  
COMPLETED BY K. CARROLL  
TELEPHONE (508) 776-6711

REPORT MONTH November, 1990

SUMMARY OF OPERATING EXPERIENCES

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11/11/90; 1626: Generator phased to grid to start Cycle 21 operation.  
11/12/90; 1123: Generator off-line for turbine overspeed trip test. Test results satisfactory.  
11/13/90; 1632: Generator phased on-line