

YANKEE ATOMIC ELECTRIC COMPANY

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

February 7, 1991  
BYR 91-014

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 January, 1991.

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 91-C1  
FOR THE MONTH OF JANUARY, 1991

OPERATING DATA REPORT

DOCKET NO. 50-29  
 DATE 910207  
 COMPLETED BY H. SAMMARCO  
 TELEPHONE (603) 779-6711

OPERATING STATUS

1. Unit Name: Yankee Rowe
2. Reporting Period: January, 1991
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	744.00	744.00	---
12. Number of Hours Reactor Was Critical	744.00	744.00	312,871.93
13. Reactor Reserve Shutdown Hours	0.00	0.00	0.00
14. Hours Generator On-Line	744.00	744.00	207,506.88
15. Unit Reserve Shutdown Hours	0.00	0.00	0.00
16. Gross Thermal Energy Generated (MWH)	440,202.00	440,202.00	113,679,014.92
17. Gross Electrical Energy Generated (MWH)	135,109.60	135,109.60	34,399,729.30
18. Net Electrical Energy Generated (MWH)	126,611.45	126,611.45	32,181,553.59
19. Unit Service Factor	100.00	100.00	78.33
20. Unit Availability Factor	100.00	100.00	78.33
21. Unit Capacity Factor (Using MDC Net)	101.90	101.90	74.37
22. Unit Capacity Factor (Using DER Net)	97.24	97.24	70.99
23. Unit Forced Outage Rate	0.00	0.00	4.87
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

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-29  
 UNIT YANKEE ROWE  
 DATE 010207  
 COMPLETED BY H. SAMMARCO  
 TELEPHONE (508) 770-6711

MONTH January, 1991

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	172.7	17	172.1
2	173.1	18	172.4
3	173.0	19	171.7
4	172.6	20	172.0
5	172.2	21	172.3
6	172.2	22	172.4
7	172.2	23	172.2
8	172.3	24	172.2
9	172.2	25	172.1
10	172.1	26	172.2
11	172.2	27	172.1
12	172.6	28	172.1
13	172.6	29	172.0
14	172.5	30	169.7
15	172.3	31	172.4
16	172.1		

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 January, 1991

DOCKET NO. 50-29

UNIT YANKEE ROWE

DATE 010201

COMPLETED BY H. SAMMARCO

TELEPHONE (508) 779-6711

No.	Date	1 Type	Duration (Hours)	2 Reason	Method Of Shutting Down Reactor	3 Event Report #	System Code 4	Component Code 5	Cause & Corrective Action to Prevent Recurrence
01-01	01/19/91	S	25.00	B	N/A	N/A	N/A	N/A	Condenser tube leak check, plugging and sawdust injection.
01-2	01/30/91	F	15.25	B	N/A	N/A	N/A	N/A	BFP repair.

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 I - Same Source

DOCKET NO. 50-29  
UNIT YANKEE ROWE  
DATE 910207  
COMPLETED BY H. SAMMARCO  
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REPORT MONTH January, 1991

SUMMARY OF OPERATING EXPERIENCES

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01/19/91; 0001: Commenced load reduction for condenser tube leak check, tube plugging and sawdust injection  
01/20/91 0155: Plant returned to full power operation.  
01/30/91; 0800: Commenced load reduction for BFP repair.  
01/30/91; 2015: Plant returned to full power operation.