YANKEE ATOMIC NUCLEAR POWER STATION

MONTHLY STATISTICAL REPORT 79-01

FOR THE MONTH OF JANUARY, 1979

7902200048

OPERATING DATA REPORT

DOCKET NO. 50-29
DATE 790212
COMPLETED BY R.M.Sjogren
TELEPHONE (617)366-9011
X2281

OPERATING STATUS

1. Unit Name: Yankee Rowe
2. Reporting Period: January, 1979
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

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	744	---
12. Number Of Hours Reactor Was Critical	734.8	734.8	131,925.7
13. Reactor Reserve Shutdown Hours	0	0	0
14. Hours Generator On-Line	733.8	733.8	127,611.8
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	421,572	421,572	67,995,117.11
17. Gross Electrical Energy Generated (MWH)	134,758.4	134,758.4	20,895,706.4
18. Net Electrical Energy Generated (MWH)	126,643.5	126,643.5	19,560,524.9
19. Unit Service Factor	98.6	98.6	79.9
20. Unit Availability Factor	98.6	98.6	79.9
21. Unit Capacity Factor (Using MDC Net)	97.3	97.3	72.5
22. Unit Capacity Factor (Using DER Net)	97.3	97.3	72.5
23. Unit Forced Outage Rate	1.4	1.4	1.6

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
Maintenance Shutdown February 24, 1979 for 48 hours.

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		

(9/77)

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-29
UNIT Yankee Rowe
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MONTH January, 1979

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	166.6	17	174.9
2	168.1	18	174.9
3	174.4	19	174.7
4	174.6	20	174.9
5	174.7	21	175.0
6	174.8	22	77.2
7	175.0	23	146.2
8	174.9	24	172.7
9	174.9	25	174.7
10	174.9	26	174.9
11	174.9	27	174.9
12	174.9	28	174.9
13	174.9	29	174.8
14	175.0	30	174.9
15	174.9	31	174.9
16	174.9		

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.

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UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH January, 1979

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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
1	1/22/79	F	10.2	A turbine control system oscilla-tions	Auto-matic Scram				Turbine control valve NO. 2 servo motor oscillated during low power- to be fixed during Feb. 24th S/O

1
F: Forced
S: Scheduled

2
Reason:
A-Equipment Failure (Explain)
B-Maintenance or 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 Licensee Event Report (LER) File (NUREG-0161)

5
Exhibit I - Same Source

(9/77)

DOCKET NO. 50-29

UNIT Yankee Rowe

DATE 790212

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REPORT MONTH January, 1979

SUMMARY OF OPERATING EXPERIENCES

1/22 At 0800 hours commenced a load reduction for throttle and control valve exercises. At 1055 hours a reactor scram occurred due to low main coolant system pressure. At 2008 hours the reactor was brought critical. At 2109 hours the generator was phased on the line. A hold was necessary at 30 MWe to allow steam generator chloride concentration to return to normal.

1/23 At 0100 hours steam generator chloride concentration was reduced to $<$0.5ppm and load increase was begun. At 1100 hours load was held at 182 MWe to allow xenon to reach equilibrium.

1/24 At 1100 hours load increase began and at 1145 full load was reached.

UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

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FROM: US NRC/TIDC/Distribution Services Branch

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Mike C

cc: DSB Files

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