

YANKEE ATOMIC NUCLEAR POWER STATION

MONTHLY STATISTICAL REPORT 78-5

FOR THE MONTH OF MAY, 1978

8011060 890

OPERATING DATA REPORT

DOCKET NO. 70-29
 DATE 780609
 COMPLETED BY R.M. Sjogren
 TELEPHONE (617) 366-9011 x.218

OPERATING STATUS

1. Unit Name: Yankee Rowe
2. Reporting Period: May 1978
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): None
10. Reasons For Restrictions, If Any: N/A

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	<u>744</u>	<u>3,623</u>	<u>-</u>
12. Number Of Hours Reactor Was Critical	<u>744</u>	<u>3,464.59</u>	<u>127,458.37</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
14. Hours Generator On-Line	<u>744</u>	<u>3,448</u>	<u>123,232.13</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated (MWH)	<u>436,154.4</u>	<u>2,044,278.5</u>	<u>65,459,917.41</u>
17. Gross Electrical Energy Generated (MWH)	<u>133,796.8</u>	<u>630,226.3</u>	<u>20,120,573.0</u>
18. Net Electrical Energy Generated (MWH)	<u>125,734.8</u>	<u>592,464.0</u>	<u>18,832,965.9</u>
19. Unit Service Factor	<u>100.0</u>	<u>95.7</u>	<u>80.5</u>
20. Unit Availability Factor	<u>100.0</u>	<u>100.0</u>	<u>not available</u>
21. Unit Capacity Factor (Using MDC Net)	<u>96.6</u>	<u>93.4</u>	<u>72.6</u>
22. Unit Capacity Factor (Using DER Net)	<u>96.6</u>	<u>93.4</u>	<u>72.6</u>
23. Unit Forced Outage Rate	<u>0.0</u>	<u>4.2</u>	<u>1.6</u>

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):

Refueling shutdown scheduled for October 20, 1978 for six weeks.

25. If Shut Down At End Of Report Period, Estimated Date of Startup: _____
26. Units In Test Status (Prior to Commercial Operation):

INITIAL CRITICALITY
 INITIAL ELECTRICITY
 COMMERCIAL OPERATION

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

POOR ORIGINAL

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-29
 UNIT Yankee Rowe
 DATE 780609
 COMPLETED BY R.M. Sjogren
 TELEPHONE (617)366-9011 x.218

MONTH May 1978

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>172.4</u>	17	<u>172.4</u>
2	<u>172.8</u>	18	<u>173.1</u>
3	<u>173.1</u>	19	<u>174.1</u>
4	<u>172.9</u>	20	<u>174.3</u>
5	<u>171.4</u>	21	<u>174.1</u>
6	<u>88.2</u>	22	<u>173.4</u>
7	<u>139.8</u>	23	<u>173.9</u>
8	<u>173.3</u>	24	<u>174.0</u>
9	<u>173.0</u>	25	<u>173.8</u>
10	<u>173.0</u>	26	<u>173.9</u>
11	<u>172.7</u>	27	<u>174.2</u>
12	<u>172.3</u>	28	<u>174.0</u>
13	<u>172.2</u>	29	<u>167.2</u>
14	<u>171.7</u>	30	<u>172.2</u>
15	<u>171.0</u>	31	<u>172.8</u>
16	<u>172.0</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.

POOR ORIGINAL

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-29
 UNIT NAME Yankee Rowe
 DATE 780609
 COMPLETED BY R.M. Sjogren
 TELEPHONE (617)366-9011 x.218

REPORT MONTH May 1978

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
78-6	5/5/78 - 5/7/78	S	33.2	B	N/A	N/A	N/A	N/A	Throttle and control valve exercise and condenser tube cleaning.
78-7	5/29/78	S	5.8	B	N/A	N/A	N/A	N/A	Throttle and control valve exercise

POOR ORIGINAL

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 780609
COMPLETED BY R. M. Sjogren
TELEPHONE (617)366-9011 x.218

REPORT MONTH May 1978

SUMMARY OF OPERATING EXPERIENCES

- 5/5 At 2200 hours a load reduction for throttle and control valve exercise and condenser tube cleaning.
- 5/6 At 0100 hours, with plant load at 130 MWe, throttle valve exercise was commenced. At 0200 hours the throttle valve exercise was completed and a load reduction to 90 MWe was begun for condenser tube cleaning. At 0400 hours the plant load was 90 MWe.
- 5/7 At 0710 hours the condenser tube cleaning was completed and plant load was increased at a rate of approximately 18 MWe/hr. At 1215 hours the plant was operating at full load.
- 5/29 At 0300 hours a load reduction for throttle and control valve exercise was begun. At 0515 hours, with plant load at 140 MWe, throttle valve exercise commenced. At 0615 hours the throttle valve exercise was completed and plant load was increased. At 0850 hours the plant was at full allowable power.

There was no safety-related maintenance to report.

W 06/14/78

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)
DISTRIBUTION FOR INCOMING MATERIAL

50-029

REC: NRC
ORG: MOODY D E
YANKEE ATOMIC ELEC

DOC DATE: 06/09/78
DATE RCVD: 06/15/78

DOCTYPE: LETTER NOTARIZED: NO COPIES RECEIVED
SUBJECT: LTR 1 ENCL 1
FORWARDING SUBJECT FACILITY'S MONTHLY OPERATING REPT FOR THE MONTH OF MAY,
1978.

PLANT NAME: YANKEE ROWE

REVIEWER INITIAL: XJM
DISTRIBUTOR INITIAL: DL

***** DISTRIBUTION OF THIS MATERIAL IS AS FOLLOWS *****

MONTHLY OPERATING REPORT FOR GRAY BOOK PREPARATION.
(DISTRIBUTION CODE A003)

FOR ACTION: BR CHIEF ORB#2 BC**W/2 ENCL

INTERNAL: REG FILE**W/ENCL NRC PDR**W/ENCL
MIPC FOR ACTION**W/2 ENCL

EXTERNAL: LPDR'S
GREENFIELD, MA**W/ENCL
TIC**W/ENCL
NSIC**W/ENCL
BNL (NATLAB)**W/ENCL
ACRS CAT B**W/O ENCL

DISTRIBUTION: LTR 10 ENCL 10
SIZE: 1P+5P

CONTROL NBR: ~~72441~~ 1

***** THE END *****

9
POOR ORIGINAL