

YANKEE ATOMIC NUCLEAR POWER STATION

MONTHLY STATISTICAL REPORT 78-7

FOR THE MONTH OF JULY, 1978

8011070005

OPERATING DATA REPORT

DOCKET NO. 5029
 DATE 780810
 COMPLETED BY B. M. Siogren
 TELEPHONE (617) 366-9011 x 218

OPERATING STATUS

1. Unit Name: Yankee Rowe
2. Reporting Period: July 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	744	5,087	
12. Number Of Hours Reactor Was Critical	744	4,928.59	128,922.37
13. Reactor Reserve Shutdown Hours	0	0	0
14. Hours Generator On-Line	744	4,912	124,696.13
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	441,805.2	2,917,035.7	659,350,474.61
17. Gross Electrical Energy Generated (MWH)	134,049	896,590.5	20,386,937.2
18. Net Electrical Energy Generated (MWH)	125,952.45	842,881.63	19,083,383.5
19. Unit Service Factor	100.0	96.6	80.3
20. Unit Availability Factor	100.0	100.0	-
21. Unit Capacity Factor (Using MDC Net)	96.7	94.7	72.8
22. Unit Capacity Factor (Using DER Net)	96.7	94.7	72.8
23. Unit Forced Outage Rate	0.0	3.2	1.6

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
Refueling October 20, 1978 6 weeks

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	_____	_____

AVERAGE DAILY UNIT POWER LEVEL

DUCKET NO. 5029
 UNIT Yankee Rowe
 DATE 780810
 COMPLETED BY R.M. Sjogren
 TELEPHONE (617) 366-9011 x218

MONTH July 1978

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>172.1</u>	17	<u>168.2</u>
2	<u>171.7</u>	18	<u>169.0</u>
3	<u>171.3</u>	19	<u>169.0</u>
4	<u>170.9</u>	20	<u>170.0</u>
5	<u>170.2</u>	21	<u>170.0</u>
6	<u>169.8</u>	22	<u>170.2</u>
7	<u>169.5</u>	23	<u>162.3</u>
8	<u>169.9</u>	24	<u>169.4</u>
9	<u>169.4</u>	25	<u>168.9</u>
10	<u>169.4</u>	26	<u>168.1</u>
11	<u>169.7</u>	27	<u>168.8</u>
12	<u>169.2</u>	28	<u>168.9</u>
13	<u>169.1</u>	29	<u>168.5</u>
14	<u>169.4</u>	30	<u>168.2</u>
15	<u>169.5</u>	31	<u>168.8</u>
16	<u>168.6</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.

(9/77)

POOR ORIGINAL

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 5029
 UNIT NAME Yankee Rowe
 DATE 7/80/810
 COMPLETED BY R.M. Sjogren
 TELEPHONE (617) 366-9011 x218

REPORT MONTH July 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
9	7/23	S	7.5	B	N/A	N/A	N/A	N/A	Throttle and control valve exercise.

POOR ORIGINAL

¹F: Forced
¹S: Scheduled

² Reason:
 A-Equipment Failure (Explain)
 B-Maintenance of 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

DOCKET NO. 50-29
UNIT Yankee Rowe
DATE 780810
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REPORT MONTH July 1978

SUMMARY OF OPERATING EXPERIENCES

7/23 At 0300 hours a load reduction for throttle and control valve exercise was commenced. At 0540 hours, with plant load at 150 MWe, the throttle valve exercise was begun. At 0620 hours the throttle valve exercise was completed and plant load was increased. At 1030 hours the plant was operating at full allowable power, \approx 180 MWe.

At 08, 15/78

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)
DISTRIBUTION FOR INCOMING MATERIAL 50-029

REC: NRC ORG: MOODY D E DOCDATE: 08/10/78
YANKEE ATOMIC ELEC DATE RCVD: 08/14/78

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

PLANT NAME: YANKEE ROWE REVIEWER INITIAL: XJM
DISTRIBUTOR INITIAL: *u*

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

ANNUAL, SEMI-ANNUAL & MONTHLY OPERATING RPTS (OL STAGE)
(DISTRIBUTION CODE A008)

FOR ACTION: BR CHIEF ORB#2 BC**W/6 ENCL

INTERNAL:	REG FILE**W/ENCL	NRC PDR**W/ENCL
	1 & 2**W/2 ENCL	MIPC**W/2 ENCL
	HANAUER**W/ENCL	DIRECTOR DOR**W/ENCL
	AD FOR SYS & PROJ**W/ENCL	ENGINEERING BR**W/ENCL
	REACTOR SAFETY BR**W/ENCL	PLANT SYSTEMS BR**W/ENCL
	EED**W/ENCL	CORE PERFORMANCE BR**W/ENCL
	EFFLUENT TREAT SYS**W/ENCL	

EXTERNAL:

- LPDR'S
- GREENFIELD, MA**W/ENCL
- NATL LAB ANL**W/ENCL
- TERA**W/ENCL
- NSIC**W/ENCL
- ACRS CAT B**W/15 ENCL

Mon Rpt 1

DISTRIBUTION: LTR 41 ENCL 41 CONTROL NBR: ~~782190030~~

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

POOR ORIGINAL

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