

YANKEE ATOMIC NUCLEAR POWER STATION
MONTHLY STATISTICAL REPORT 85-04
FOR THE MONTH OF APRIL 1985

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OPERATING DATA REPORT

DOCKET NO. 50-29
DATE 850506
COMPLETED BY S. WHIPPLE
TELEPHONE (617) 872-8100

OPERATING STATUS

1. Unit Name: Yankee Rowe
2. Reporting Period: April, 1985
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	719.00	2,879.00	---
12. Number of Hours Reactor Was Critical	719.00	2,879.00	170,802.10
13. Reactor Reserve Shutdown Hours	0.00	0.00	0.00
14. Hours Generator On-Line	719.00	2,879.00	166,063.42
15. Unit Reserve Shutdown Hours	0.00	0.00	0.00
16. Gross Thermal Energy Generated (MMH)	416,042.00	1,697,303.00	90,187,955.52
17. Gross Electrical Energy Generated (MMH)	126,172.40	517,723.70	27,336,527.00
18. Net Electrical Energy Generated (MMH)	118,218.38	485,650.67	25,580,201.12
19. Unit Service Factor	100.00	100.00	77.43
20. Unit Availability Factor	100.00	100.00	77.43
21. Unit Capacity Factor (Using MDC Net)	98.46	101.01	73.41
22. Unit Capacity Factor (Using DER Net)	93.95	96.39	69.96
23. Unit Forced Outage Rate	0.00	0.00	5.38
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):			
Core XVIII Refueling - October 19, 1985 - 6 weeks			

25. If Shutdown At End of Report Period, Estimated Date of Startup:

26. Units In Test Status (Prior to Commercial Operation):

Forecast	Achieved
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INITIAL CRITICALITY
INITIAL ELECTRICITY
COMMERCIAL OPERATION

AVERAGE DAILY UNIT POWER LEVEL

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MONTH APRIL, 1985

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	171.2
2	171.2
3	171.5
4	171.4
5	171.5
6	171.5
7	171.5
8	171.4
9	171.0
10	170.9
11	170.9
12	171.0
13	171.1
14	170.9
15	170.6
16	170.7

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	170.9
18	170.8
19	171.0
20	170.9
21	170.5
22	170.0
23	169.7
24	169.2
25	169.2
26	169.5
27	126.1
28	58.3
29	136.7
30	167.1
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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 APRIL, 1985

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No.	Date	1 Type	Duration (Hours)	2 Reason	Method Of Shutting Down Reactor	Licensee Event Report #	System Code 4	Component Code 5	Cause & Corrective Action to Prevent Recurrence
85-5	4/27/85	F	67.30	A*	1	N/A	N/A	N/A	N/A

* Power reduction to repair steam leak in #1 steam extraction line.

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

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REPORT MONTH APRIL, 1985

SUMMARY OF OPERATING EXPERIENCES

4/27/85 1442 Power reduced to repair steam leak in #1 steam extraction line.

YANKEE ATOMIC ELECTRIC COMPANY

Telephone (617) 872-8100
TWX 710-380-7619

1671 Worcester Road, Framingham, Massachusetts 01701

May 6, 1985

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FYR 85-51

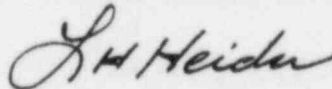
United States Nuclear Regulatory Commission
Director, Office of Management Information
and Program Control
Washington, D. C. 20555

Dear Sir:

Submitted herewith is the Monthly Statistical Report for the Yankee Atomic Power Station for the month of April 1985.

Very truly yours,

YANKEE ATOMIC ELECTRIC COMPANY



L. H. Heider
Vice President/Manager of Operations

LHH/smh

cc: Region I
Office of Inspection and Enforcement

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