

# OPERATING DATA REPORT

Docket No. 50-271  
 Date 850510  
 Completed by F.J. Burger  
 Telephone (802)257-7711

## OPERATING STATUS

1. Unit Name: Vermont Yankee
2. Reporting Period: April
3. Licensed Thermal Power (MWt): 1593
4. Nameplate Rating (Gross MWe): 540
5. Design Electrical Rating (Net MWe): 514(OC)504(CC)
6. Maximum Dependable Capacity (Gross MWe): 535
7. Maximum Dependable Capacity (Net MWe): 504
8. If changes occur in capacity ratings (Items Number 3 through 7) since last report, give reasons:

N/A

Notes:

9. Power level to which restricted, if any (Net MWe): N/A
10. Reasons for restrictions, if any: N/A

	This month	Yr-to-Date	Cumulative
11. Hours in Reporting Period	719.00	2879.00	
12. Number of Hours Reactor was Critical	719.00	2863.97	89677.90
13. Reactor Reserve Shutdown Hours	0.00	0.00	0.00
14. Hours Generator On-Line	719.00	2858.55	87288.62
15. Unit Reserve Shutdown Hours	0.00	0.00	0.00
16. Gross Thermal Energy Generated (MWH)	1133833.50	4496604.00	127055613.50
17. Gross Electrical Energy Generated (MWH)	383244.00	1523790.00	42313538.00
18. Net Electrical Energy Generated (MWH)	367063.00	1460724.00	40161572.00
19. Unit Service Factor	100.00	99.29	78.98
20. Unit Availability Factor	100.00	99.29	78.98
21. Unit Capacity Factor (using MDC Net)	101.29	100.67	72.10
22. Unit Capacity Factor (using DER Net)	99.32	98.71	70.70
23. Unit Forced Outage Rate	0.00	.71	7.17

24. Shutdowns scheduled over next 6 months (Type, Date and Duration of Each):  
Refueling outage scheduled to start September 14, 1985 and continue to April 26, 1985.

25. If shut down at end of report period, estimated date of startup: N/A
26. Units in Test Status (prior to commercial operation):

Initial Criticality  
 Initial Electricity  
 Commercial Operation

Forecast	Achieved
_____	_____
_____	_____
_____	_____

MSR.F1

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# AVERAGE DAILY UNIT POWER LEVEL

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 Date 850510  
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 Telephone (802)257-7711

MONTH April

DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

1	<u>516</u>
2	<u>516</u>
3	<u>517</u>
4	<u>517</u>
5	<u>516</u>
6	<u>517</u>
7	<u>511</u>
8	<u>516</u>
9	<u>516</u>
10	<u>494</u>
11	<u>491</u>
12	<u>515</u>
13	<u>515</u>
14	<u>454</u>
15	<u>515</u>
16	<u>515</u>

DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

17	<u>515</u>
18	<u>515</u>
19	<u>516</u>
20	<u>516</u>
21	<u>498</u>
22	<u>516</u>
23	<u>514</u>
24	<u>513</u>
25	<u>514</u>
26	<u>513</u>
27	<u>513</u>
28	<u>505*</u>
29	<u>513</u>
30	<u>515</u>
31	<u>--</u>

\*23 hour day

## 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.

MSR.F2

## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH April

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No.	Date	1 Typed	Duration (hours)	2 Reason	3 Method of Shutting Down Reactor	License Event Report #	4 System Code	5 Component Code	Cause and Corrective Action to Prevent Recurrence
85-07	850414	S	0	B	4 (Power Reduction)	N/A	RB	CONROD	Power reduction for surveillance and a control rod pattern adjustment.

1  
F-Forced  
S-Scheduled

2  
A-Equipment Failure (Explain)  
 B-Maintenance or Test  
 C-Refueling  
 D-Regulatory Restriction  
 E-Operator Training and 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

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SAFETY-RELATED MAINTENANCE

EQUIPMENT	NATURE OF MAINTENANCE	LER OR OUTAGE NUMBER	MALFUNCTION		CORRECTIVE ACTION
			CAUSE	RESULT	
NONE					

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REPORT MONTH April

SUMMARY OF OPERATING EXPERIENCES

Highlights

Vermont Yankee operated at 98.9% of rated thermal power for the month. Gross electrical generation was 383,244 MWh<sub>e</sub> or 98.7 % of design electrical capacity.

Operating Summary

The following is a chronological description of plant operations including other pertinent items of interest for the month.

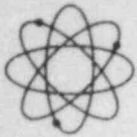
At the beginning of the reporting period the plant was operating at 99.9% of rated thermal power.

850414 At 0030 hours a power reduction was initiated for surveillance testing and control rod pattern adjustment.

850414 At 0215 hrs a return to full power was initiated.

At the end of the reporting period the plant was operating at 99.9% of rated thermal power.





# VERMONT YANKEE NUCLEAR POWER CORPORATION

P. O. BOX 157  
GOVERNOR HUNT ROAD  
VERNON, VERMONT 05354  
VYV 85-267

May 10, 1985

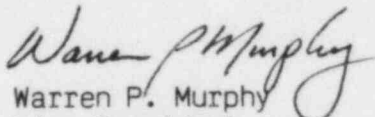
U. S. Nuclear Regulatory Commission  
Director, Office of Management Information  
and Program Control  
Washington, D. C. 20555

Dear Sir:

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

Very truly yours,

VERMONT YANKEE NUCLEAR POWER CORPORATION

  
Warren P. Murphy  
Vice President and  
Manager of Operations

WPM/FJB/pd:MSR1.1

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VERMONT YANKEE NUCLEAR POWER STATION

MONTHLY STATISTICAL REPORT 85-04

FOR THE MONTH OF APRIL, 1985