

VERMONT YANKEE NUCLEAR POWER STATION  
MONTHLY STATISTICAL REPORT 85-03  
FOR THE MONTH OF MARCH, 1985

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PDR ADOCK 05000271  
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# OPERATING DATA REPORT

Docket No. 50-271  
 Date 850410  
 Completed by F.J. Burger  
 Telephone (802) 257-7711

## OPERATING STATUS

1. Unit Name: Vermont Yankee
2. Reporting Period: March
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:

Notes:

N/A

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

	<u>This month</u>	<u>Yr-to-Date</u>	<u>Cumulative</u>
11. Hours in Reporting Period	<u>744.00</u>	<u>2160.00</u>	
12. Number of Hours Reactor was Critical	<u>744.00</u>	<u>2144.97</u>	<u>88958.90</u>
13. Reactor Reserve Shutdown Hours	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>
14. Hours Generator On-Line	<u>744.00</u>	<u>2139.55</u>	<u>86569.62</u>
15. Unit Reserve Shutdown Hours	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>
16. Gross Thermal Energy Generated (MWH)	<u>1167711.50</u>	<u>3362770.50</u>	<u>125921780.00</u>
17. Gross Electrical Energy Generated (MWH)	<u>395940.00</u>	<u>1140546.00</u>	<u>41930294.00</u>
18. Net Electrical Energy Generated (MWH)	<u>379255.00</u>	<u>1093661.00</u>	<u>39794509.00</u>
19. Unit Service Factor	<u>100.00</u>	<u>99.05</u>	<u>78.84</u>
20. Unit Availability Factor	<u>100.00</u>	<u>99.05</u>	<u>78.84</u>
21. Unit Capacity Factor (using MDC Net)	<u>101.14</u>	<u>100.46</u>	<u>71.91</u>
22. Unit Capacity Factor (using DER Net)	<u>99.17</u>	<u>98.51</u>	<u>70.51</u>
23. Unit Forced Outage Rate	<u>0.00</u>	<u>.95</u>	<u>7.23</u>

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, 1986.

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

<u>Forecast</u>	<u>Achieved</u>
_____	_____
_____	_____
_____	_____

# AVERAGE DAILY UNIT POWER LEVEL

Docket No. 50-271  
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 Date 850410  
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 Telephone (802) 257-7711

MONTH March

DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

1	<u>518</u>
2	<u>440</u>
3	<u>515</u>
4	<u>517</u>
5	<u>519</u>
6	<u>518</u>
7	<u>517</u>
8	<u>518</u>
9	<u>518</u>
10	<u>513</u>
11	<u>518</u>
12	<u>518</u>
13	<u>517</u>
14	<u>518</u>
15	<u>517</u>
16	<u>517</u>

DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

17	<u>510</u>
18	<u>517</u>
19	<u>517</u>
20	<u>517</u>
21	<u>517</u>
22	<u>517</u>
23	<u>395</u>
24	<u>501</u>
25	<u>516</u>
26	<u>517</u>
27	<u>517</u>
28	<u>517</u>
29	<u>516</u>
30	<u>516</u>
31	<u>510</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.

MSR.F2



## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH March

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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
85-05	850302	S	0	B	4 Power Reduction	N/A	RB	CONROD	Power reduction for control rod testing.
85-06	850323	S	0	B	4 Power Reduction	N/A	RB	CONROD	Power reduction for a control rod pattern exchange and surveillance testing.

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 March

SUMMARY OF OPERATING EXPERIENCES

Highlights

Vermont Yankee operated at 98.5% of rated thermal power for the month. Gross electrical generation was 395,940 MWh<sub>e</sub> or 98.5 % 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 99.8% of rated thermal power.

850302        At 0730 hours a power reduction was initiated for control rod testing.

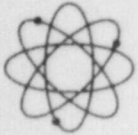
850302        At 1300 hours a return to full power was started.

850323        At 0405 hours a power reduction was initiated for surveillance testing and a control rod pattern exchange.

850323        At 0907 hours a return to full power was started.

At the end of the reporting period the plant was operating at 99.8% of rated thermal power.





# VERMONT YANKEE NUCLEAR POWER CORPORATION

P. O. BOX 157  
GOVERNOR HUNT ROAD  
VERNON, VERMONT 05354

VYV 85-206

April 10, 1985

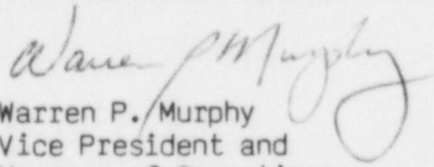
U. S. Nuclear Regulatory Commission  
Director, Office of Management Information  
and Program Control  
Washington, D. C. 20555

Dear Sir:

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

Very truly yours,

VERMONT YANKEE NUCLEAR POWER CORPORATION

  
Warren P. Murphy  
Vice President and  
Manager of Operations

WPM/FJB/pt:MSR1.1

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