

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

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OPERATING DATA REPORT

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

OPERATING STATUS

Notes:

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:

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):

	<u>Forecast</u>	<u>Achieved</u>
Initial Criticality	_____	_____
Initial Electricity	_____	_____
Commercial Operation	_____	_____

AVERAGE DAILY UNIT POWER LEVEL

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MONTH March

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>518</u>	17	<u>510</u>
2	<u>440</u>	18	<u>517</u>
3	<u>515</u>	19	<u>517</u>
4	<u>517</u>	20	<u>517</u>
5	<u>519</u>	21	<u>517</u>
6	<u>518</u>	22	<u>517</u>
7	<u>517</u>	23	<u>395</u>
8	<u>518</u>	24	<u>501</u>
9	<u>518</u>	25	<u>516</u>
10	<u>513</u>	26	<u>517</u>
11	<u>518</u>	27	<u>517</u>
12	<u>518</u>	28	<u>517</u>
13	<u>517</u>	29	<u>516</u>
14	<u>518</u>	30	<u>516</u>
15	<u>517</u>	31	<u>510</u>
16	<u>517</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.

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UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH March

Docket No. 50-271
 Unit Vermont Yankee
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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)

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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_e 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

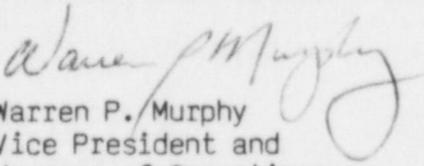
U. S. Nuclear Regulatory Commission
Director, Office of Management Information
and Program Control
Washington, D. C. 20555

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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