

VERMONT YANKEE NUCLEAR POWER STATION
MONTHLY STATISTICAL REPORT 85-01
FOR THE MONTH OF JANUARY, 1985

B502260387 B50131
PDR ADOCK 05000271
R PDR

OPERATING DATA REPORT

Docket No. 50-271
 Date 850209
 Completed by F.J. Burger
 Telephone (802) 257-7711

OPERATING STATUS

Notes:

1. Unit Name: Vermont Yankee
2. Reporting Period: January
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>744.00</u>	
12. Number of Hours Reactor was Critical	<u>744.00</u>	<u>744.00</u>	<u>87557.93</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>744.00</u>	<u>85174.07</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>1180435.00</u>	<u>1180435.00</u>	<u>123739444.50</u>
17. Gross Electrical Energy Generated (MWH)	<u>400579.00</u>	<u>400579.00</u>	<u>41190327.00</u>
18. Net Electrical Energy Generated (MWH)	<u>384408.00</u>	<u>384408.00</u>	<u>39085256.00</u>
19. Unit Service Factor	<u>100.00</u>	<u>100.00</u>	<u>78.58</u>
20. Unit Availability Factor	<u>100.00</u>	<u>100.00</u>	<u>78.58</u>
21. Unit Capacity Factor (using MDC Net)	<u>102.52</u>	<u>102.52</u>	<u>71.55</u>
22. Unit Capacity Factor (using DER Net)	<u>100.52</u>	<u>100.52</u>	<u>70.16</u>
23. Unit Forced Outage Rate	<u>0.00</u>	<u>0.00</u>	<u>7.32</u>

24. Shutdowns scheduled over next 6 months (Type, Date and Duration of Each):
N/A

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

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

AVERAGE DAILY UNIT POWER LEVEL

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MONTH January

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	519
2	519
3	519
4	519
5	519
6	513
7	520
8	518
9	518
10	518
11	518
12	518
13	491
14	518
15	518
16	518

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	518
18	518
19	518
20	512
21	518
22	518
23	518
24	518
25	519
26	519
27	505
28	519
29	518
30	518
31	518

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 January

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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
85-01	850113	S	0	B	4 power reduction	N/A	RB	CONROD	Power reduction for 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 January

SUMMARY OF OPERATING EXPERIENCES

Highlights

Vermont Yankee operated at 99.6% of rated thermal power for the month. Gross electrical generation was 400,579 MWh_e or 99.7% of design electrical capacity.

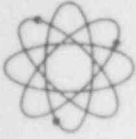
Operating Summary

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

850113 At 0030 hrs a power reduction was initiated for surveillance testing and a rod pattern adjustment.

850113 At 0310 hrs a return to full power was started.

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 85-073

February 11, 1984

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 January, 1985.

Very truly yours,

VERMONT YANKEE NUCLEAR POWER CORPORATION

Warren P. Murphy
Mr. Warren P. Murphy
Vice President and
Manager of Operations

WPM/FJB:pd/MSR1.1

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