



Entergy Nuclear Northeast
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June 10, 2003
BVY-03-55

United States Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, D.C. 20555

Reference: (a) License No. DPR-28 (Docket No. 50-271)

In accordance with section 6.6.B of the Vermont Yankee Technical Specifications, submitted herewith is the Monthly Statistical Report for the Vermont Yankee Nuclear Power Station for the month of May, 2003.

Sincerely,

A handwritten signature in black ink that reads "Kevin H. Bronson".

Kevin H. Bronson
General Manager, Plant Operations

cc: USNRC Region I Administrator
USNRC Resident Inspector
USNRC Project Manager

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VERMONT YANKEE NUCLEAR POWER STATION

MONTHLY STATISTICAL REPORT 03-05

FOR THE MONTH OF MAY 2003

OPERATING DATA REPORT

DOCKETNO. 50-271

DATE 030610

COMPLETED BY G.A. WALLIN

TELEPHONE (802)258-5414

OPERATING STATUS

1. Unit Name: Vermont Yankee
2. Reporting Period: May
3. Licensed Thermal Power (Mwt): 1593
4. Nameplate Rating (Gross MWe): 540
5. Design Electrical Rating (Net MWe): 522
6. Maximum Dependable Capacity (Gross MWe): 535
7. Maximum Dependable Capacity (Net MWe): 510
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): N/A
10. Reasons for restrictions, if any: N/A

	This Month	Yr-to-Date	Cumulative
11. Hours in Reporting Period	744.00	3623.00	269784.80
12. Number Of Hours Reactor was Critical	744.00	3623.00	226771.83
13. Reactor Reserve Shutdown Hours	0.00	0.00	0.00
14. Hours Generator On-Line	744.00	3623.00	223136.78
15. Unit Reserve Shutdown Hours	0.00	0.00	0.00
16. Gross Thermal Energy Generated (MWH)	1175578.55	5721788.05	338102204.84
17. Gross Electrical Energy Generated (MWH)	403936.00	1975919.00	113556849.00
18. Net Electrical Energy Generated (MWH)	387278.00	1898088.00	108080447.00
19. Unit Service Factor	100.00	100.00	82.71
20. Unit Availability Factor	100.00	100.00	82.71
21. Unit Capacity Factor (Using MDC Net)	102.07	102.73	79.20
22. Unit Capacity Factor (Using DER Net)	99.72	100.36	77.60
23. Unit Forced Outage Rate	0.00	0.00	3.88
24. Shutdowns scheduled over next 6 months (Type, Date, and Duration of Each): <u>N/A</u>			

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

Forecast Achieved

INITIAL CRITICALITY
 INITIAL ELECTRICITY
 COMMERCIAL OPERATION

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-271
 UNIT Vermont Yankee
 DATE 030610
 COMPLETED BY G.A. WALLIN
 TELEPHONE (802)258-5414

MONTH May

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1.	<u>527</u>	17.	<u>526</u>
2.	<u>527</u>	18.	<u>526</u>
3.	<u>527</u>	19.	<u>524</u>
4.	<u>527</u>	20.	<u>525</u>
5.	<u>529</u>	21.	<u>524</u>
6.	<u>524</u>	22.	<u>519</u>
7.	<u>527</u>	23.	<u>523</u>
8.	<u>527</u>	24.	<u>522</u>
9.	<u>526</u>	25.	<u>524</u>
10.	<u>526</u>	26.	<u>525</u>
11.	<u>526</u>	27.	<u>520</u>
12.	<u>525</u>	28.	<u>524</u>
13.	<u>526</u>	29.	<u>419</u>
14.	<u>526</u>	30.	<u>508</u>
15.	<u>526</u>	31.	<u>507</u>
16.	<u>526</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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 DP 0411 Rev. 8
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 RT No. 13.F01.18V

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH MAY

DOCKET NO 50-271
 UNIT NAME Vermont Yankee
 DATE 030610
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 TELEPHONE (802) 258-5414

No.	Date	1 Type	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.
03-04	030529	S	0.00	B,H*	4 Power Reduction	N/A	RB	CONROD	Turbine bypass, stop and MSIV valve testing, single rod scram testing, and a rod pattern exchange.

1 F: Forced
 S: Scheduled

2 Reason:
 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-(Explain) - Rod pattern exchange

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

DOCKET NO. 50-271
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REPORT MONTH May

SUMMARY OF OPERATING EXPERIENCES

Highlights

Vermont Yankee operated at 99.2% of rated thermal power for the month. Gross electrical generation was 403,936 MWh or 99.4% 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.

- 030529 At 0800 hours, reducing power to 59% to perform turbine bypass and stop valve testing, MSIV full closure testing, single rod scram testing, and a rod pattern exchange. (See Unit Shutdowns and Power Reductions)
- 030529 At 0910 hours, commenced turbine bypass valve testing.
- 030529 At 0928 hours, completed turbine bypass valve testing.
- 030529 At 1016 hours, commenced MSIV full closure testing.
- 030529 At 1030 hours, completed MSIV full closure testing.
- 030529 At 1045 hours, commenced turbine stop valve testing.
- 030529 At 1103 hours, completed turbine stop valve testing.
- 030529 At 1135 hours, initiated single rod scram testing.
- 030529 At 1320 hours, commenced a rod pattern exchange.
- 030529 At 1447 hours, completed the rod pattern exchange.
- 030529 At 1704 hours, completed single rod scram testing.
- 030529 At 1710 hours, began a return to full power.

At the end of the reporting period the plant was operating at 96.8% of rated thermal power.

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DP 0411 Rev. 8
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