

**Sienel, Beth**

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**From:** Rumrill, Denise**Sent:** Thursday, April 08, 2004 3:18 PM**To:** 'lerevents@inpo.org'; 'rbelval@velco.com'; 'gparker@velco.com'; 'rivest@gmpvt.com'; 'martin@gmpvt.com'; 'kvedar@gmpvt.com'; 'dutton@gmpvt.com'; 'brown@gmpvt.com'; 'william.sherman@state.vt.us'; 'BOliveira@AmNuclns.com'; 'barbara\_lewis@platts.com'; 'bamelan@cvps.com'; Kilburn, Bobbi; Thayer, Jay; Bronson, Kevin; Williams, Rob; Cosgrove, Brian; McElwee, David; Finn, Brian; Porter, Brad; Wanczyk, Robert; Sandstrum, Sally; Jefferson, Stan; Mannai, David; Wallin, Greg; Rondeau, Nancy; Skibniowsky, Steve; Sienel, Beth; Pelton, David**Subject:** Entergy Vermont Yankee Nuclear Power Station MSR March 2004

Attached please find the Entergy Vermont Yankee Nuclear Power Station Monthly Statistical Report for March 2004.

If you have any questions, please feel free to contact me.

Denise WR Rumrill  
Lead Document Control Specialist  
Tech Support - MC #1220  
802-451-3111

A-18



**Entergy Nuclear Northeast**  
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Tel 802-257-7711

April 09, 2004  
BVY-04-036

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 March, 2004.

Sincerely,

A handwritten signature in cursive script that reads "Kevin H. Bronson".

Kevin H. Bronson  
General Manager, Plant Operations

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

**VERMONT YANKEE NUCLEAR POWER STATION**

**MONTHLY STATISTICAL REPORT 04-03**

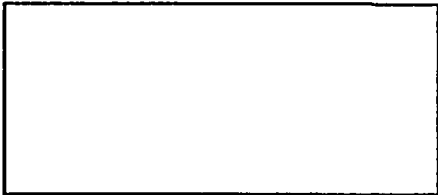
**FOR THE MONTH OF MARCH 2004**

OPERATING DATA REPORT

DOCKETNO. 50-271  
 DATE 040409  
 COMPLETED BY G.A. WALLIN  
 TELEPHONE (802)258-5414

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): 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	2184.00	277105.80
12. Number Of Hours Reactor was Critical	744.00	2184.00	233985.22
13. Reactor Reserve Shutdown Hours	0.00	0.00	0.00
14. Hours Generator On-Line	744.00	2184.00	230310.69
15. Unit Reserve Shutdown Hours	0.00	0.00	0.00
16. Gross Thermal Energy Generated(MWH)	1180721.60	3472562.70	349445552.44
17. Gross Electrical Energy Generated(MWH)	407360.00	1198111.00	117430363.00
18. Net Electrical Energy Generated(MWH)	391126.00	1150647.00	111777158.00
19. Unit Service Factor	100.00	100.00	83.10
20. Unit Availability Factor	100.00	100.00	83.10
21. Unit Capacity Factor(Using MDC Net)	103.10	103.30	79.80
22. Unit Capacity Factor(Using DER Net)	100.70	100.90	78.10
23. Unit Forced Outage Rate	0.00	0.00	3.81

24. Shutdowns scheduled over next 6 months (Type, Date, and Duration of Each: 04/03/2004 to 05/03/2004 for scheduled refueling outage.)

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 040409  
 COMPLETED BY G.A. WALLIN  
 TELEPHONE (802)258-5414

MONTH March

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1.	528	17.	527
2.	528	18.	527
3.	528	19.	527
4.	528	20.	527
5.	528	21.	527
6.	528	22.	527
7.	528	23.	527
8.	528	24.	528
9.	521	25.	528
10.	528	26.	528
11.	528	27.	527
12.	528	28.	527
13.	528	29.	526
14.	527	30.	526
15.	527	31.	527
16.	482		

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.

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH MARCH

DOCKET NO 50-271  
 UNIT NAME Vermont Yankee  
 DATE 040409  
 COMPLETED BY G.A. Wallin  
 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.
04-01	040316	S	0.00	B,H*	4 Power Reduction	N/A	RB	CONROD	Turbine and MSIV valve 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

VYDPF 0411.03  
 DP 0411 Rev. 8  
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DOCKET NO. 50-271  
DATE 040409  
COMPLETED BY G.A. WALLIN  
TELEPHONE (802)258-5414

REPORT MONTH March

SUMMARY OF OPERATING EXPERIENCES

Highlights

Vermont Yankee operated at 99.6% of rated thermal power for the month. Gross electrical generation was 407,360 MWhe or 100.2% 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.

- 040316 At 0802 hours, commenced a power reduction to 70% to perform turbine valve and MSIV full closure testing, and a rod pattern exchange.  
(See Unit Shutdowns and Power Reductions)
- 040316 At 0840 hours, commenced turbine valve testing.
- 040316 At 0945 hours, completed turbine valve testing.
- 040316 At 0948 hours, commenced MSIV full closure testing.
- 040316 At 1005 hours, completed MSIV full closure testing.
- 040316 At 1010 hours, commenced a rod pattern exchange.
- 040316 At 1130 hours, completed the rod pattern exchange.
- 040316 At 1138 hours, began a return to full power.

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

VYDPF 0411.04 (Sample)  
DP 0411 Rev. 8  
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RT No. 13.F01.18X