

**Sienel, Beth**

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**From:** Pichette, Ann  
**Sent:** Monday, May 10, 2004 1:27 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 April 2004

Attached please find the Entergy Vermont Yankee Nuclear Power station Monthly Statistical Report for April 2004.

If you have any questions please contact me.

Ann M. Pichette  
Technical Support - DCC  
MC 1220  
Phone 802-451-3094

A-41



**Entergy Nuclear Northeast**  
Entergy Nuclear Operations, Inc.  
Vermont Yankee  
322 Governor Hunt Rd.  
P.O. Box 157  
Vernon, VT 05354  
Tel 802-257-7711

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May 10, 2004  
BVY-04-042

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 April, 2004.

Sincerely,

A handwritten signature in black ink, appearing to read "Kevin H. Bronson", written over a horizontal line.

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 04-04**

**FOR THE MONTH OF APRIL 2004**

# OPERATING DATA REPORT

DOCKETNO. 50-271

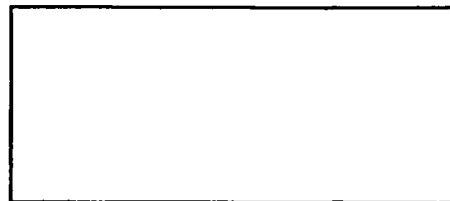
DATE 040510

COMPLETED BY G.A. WALLIN

TELEPHONE (802)258-5414

## OPERATING STATUS

1. Unit Name: Vermont Yankee
2. Reporting Period: April
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	719.00	2903.00	277824.80
12. Number Of Hours Reactor was Critical	75.42	2259.42	234060.64
13. Reactor Reserve Shutdown Hours	0.00	0.00	0.00
14. Hours Generator On-Line	71.82	2255.82	230382.51
15. Unit Reserve Shutdown Hours	0.00	0.00	0.00
16. Gross Thermal Energy Generated(MWH)	111341.25	3583903.95	349556893.69
17. Gross Electrical Energy Generated(MWH)	37550.00	1235661.00	117467913.00
18. Net Electrical Energy Generated(MWH)	36007.00	1186654.00	111813165.00
19. Unit Service Factor	10.00	77.70	82.90
20. Unit Availability Factor	10.00	77.70	82.90
21. Unit Capacity Factor(Using MDC Net)	9.80	80.20	79.60
22. Unit Capacity Factor(Using DER Net)	9.60	78.30	78.00
23. Unit Forced Outage Rate	0.00	0.00	3.81

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): N/A

Forecast Achieved

INITIAL CRITICALITY  
INITIAL ELECTRICITY  
COMMERCIAL OPERATION

VYDPF 0411.01 (Sample)  
DP 0411 Rev. 8  
Page 1 of 1  
RT No. 13.F01.19F

## AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-271UNIT Vermont YankeeDATE 040510COMPLETED BY G.A. WALLINTELEPHONE (802)258-5414MONTH April

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1.	<u>527</u>	17.	<u>0</u>
2.	<u>525</u>	18.	<u>0</u>
3.	<u>449</u>	19.	<u>0</u>
4.	<u>0</u>	20.	<u>0</u>
5.	<u>0</u>	21.	<u>0</u>
6.	<u>0</u>	22.	<u>0</u>
7.	<u>0</u>	23.	<u>0</u>
8.	<u>0</u>	24.	<u>0</u>
9.	<u>0</u>	25.	<u>0</u>
10.	<u>0</u>	26.	<u>0</u>
11.	<u>0</u>	27.	<u>0</u>
12.	<u>0</u>	28.	<u>0</u>
13.	<u>0</u>	29.	<u>0</u>
14.	<u>0</u>	30.	<u>0</u>
15.	<u>0</u>	31.	<u>0</u>
16.	<u>0</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.

VYDPF 0411.02 (Sample)

DP 0411 Rev. 8

Page 1 of 1

RT No. 13.F01.18V

## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH APRIL

DOCKET NO 50-271  
 UNIT NAME Vermont Yankee  
 DATE 040510  
 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.
04-02	040404	S	647.18	B,C	1	N/A	RB	CONROD	Shutdown for RFO-24 refueling outage

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) -

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  
 Page 1 of 1

DOCKET NO. 50-271  
DATE 040510  
COMPLETED BY G.A. WALLIN  
TELEPHONE (802) 258-5414

REPORT MONTH April

SUMMARY OF OPERATING EXPERIENCES

Highlights

Vermont Yankee operated at 9.7% of rated thermal power for the month. Gross electrical generation was 37,550 MWh or 9.5% 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.

040403 At 1900 hours, commenced a plant shutdown for RFO-24 refueling.  
(See Unit Shutdowns and Power Reductions)  
040403 At 2349 hours, the turbine-generator was removed from the grid.  
040404 At 0325 hours, the reactor was sub-critical.

At the end of the reporting period the plant was operating at 00.0% of rated thermal power.

VYDPF 0411.04 (Sample)  
DP 0411 Rev. 8  
Page 1 of 1  
RT No. 13.F01.18X