



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

December 10, 2003  
BVY-03-109

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 November, 2003.

Sincerely,

A handwritten signature in cursive script, appearing to read "Kevin H. Bronson".

Kevin H. Bronson  
General Manager, Plant Operations

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

JE24

**VERMONT YANKEE NUCLEAR POWER STATION**

**MONTHLY STATISTICAL REPORT 03-11**

**FOR THE MONTH OF NOVEMBER 2003**

# OPERATING DATA REPORT

DOCKETNO. 50-271

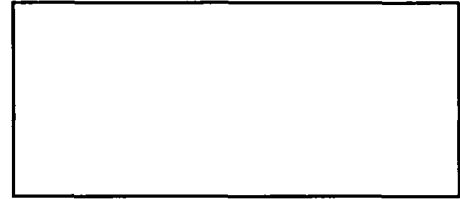
DATE 031210

COMPLETED BY G.A. WALLIN

TELEPHONE (802)258-5414

## OPERATING STATUS

1. Unit Name: Vermont Yankee
2. Reporting Period: November
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	720.00	8016.00	274177.80
12. Number Of Hours Reactor was Critical	720.00	7908.39	231057.22
13. Reactor Reserve Shutdown Hours	0.00	0.00	0.00
14. Hours Generator On-Line	720.00	7868.91	227382.69
15. Unit Reserve Shutdown Hours	0.00	0.00	0.00
16. Gross Thermal Energy Generated (MWH)	1142350.55	12418098.15	344798514.94
17. Gross Electrical Energy Generated (MWH)	393679.00	4246413.00	115827343.00
18. Net Electrical Energy Generated (MWH)	378082.00	4055001.00	110237360.00
19. Unit Service Factor	100.00	98.20	82.90
20. Unit Availability Factor	100.00	98.20	82.90
21. Unit Capacity Factor (Using MDC Net)	103.00	99.20	79.50
22. Unit Capacity Factor (Using DER Net)	100.60	96.90	77.90
23. Unit Forced Outage Rate	0.00	1.55	3.86
24. Shutdowns scheduled over next 6 months (Type, Date, and Duration of Each: <u>04/03/2004 to 05/03/2004 for scheduled refueling outage.</u>			
25. If shut down at end of report period, estimated date of startup: <u>N/A</u>			
26. Units In Test Status (prior to commercial operation): <u>N/A</u>			

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 031210COMPLETED BY G.A. WALLINTELEPHONE (802)258-5414MONTH November

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1.	<u>528</u>	17.	<u>521</u>
2.	<u>528</u>	18.	<u>528</u>
3.	<u>527</u>	19.	<u>521</u>
4.	<u>528</u>	20.	<u>527</u>
5.	<u>527</u>	21.	<u>527</u>
6.	<u>527</u>	22.	<u>528</u>
7.	<u>524</u>	23.	<u>528</u>
8.	<u>517</u>	24.	<u>528</u>
9.	<u>525</u>	25.	<u>528</u>
10.	<u>527</u>	26.	<u>527</u>
11.	<u>528</u>	27.	<u>528</u>
12.	<u>528</u>	28.	<u>527</u>
13.	<u>528</u>	29.	<u>527</u>
14.	<u>528</u>	30.	<u>528</u>
15.	<u>524</u>	31.	<u>---</u>
16.	<u>486</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 NOVEMBER

DOCKET NO 50-271  
 UNIT NAME Vermont Yankee  
 DATE 031210  
 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.
(None)									

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 031210  
COMPLETED BY G.A. WALLIN  
TELEPHONE (802) 258-5414

REPORT MONTH November

SUMMARY OF OPERATING EXPERIENCES

Highlights

Vermont Yankee operated at 99.5% of rated thermal power for the month. Gross electrical generation was 393,679 MWHe or 100.1% 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 100.0% of rated thermal power.

There were no items of interest to report for this month.

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  
Page 1 of 1  
RT No. 13.F01.18X