

**Sienel, Beth**

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**From:** Pichette, Ann

**Sent:** Wednesday, November 12, 2003 12:48 PM

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McElwee, David; Finn, Brian; Porter, Brad; Wanczyk, Robert; Yialiades, Theresa; Sandstrum, Sally;  
Jefferson, Stan; Mannai, David; Wallin, Greg; Rondeau, Nancy; Skibniowsky, Steve; Sienel, Beth;  
Pelton, David

**Subject:** Entergy Vermont Yankee Nuclear Power Station MSR October 2003

Attached please find the Entergy Vermont Yankee Nuclear Power Station Monthly Statistical Report for October 2003.

If you have any questions please contact me.

*Ann M. Pichette*  
*Controlled Document Specialist*  
*Technical Support Department*  
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*MC 1220*



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November 10, 2003  
BVY-03-99

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 October, 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

**VERMONT YANKEE NUCLEAR POWER STATION**

**MONTHLY STATISTICAL REPORT 03-10**

**FOR THE MONTH OF OCTOBER 2003**

# OPERATING DATA REPORT

DOCKETNO. 50-271

DATE 031110

COMPLETED BY G.A. WALLIN

TELEPHONE (802)258-5414

## OPERATING STATUS

1. Unit Name: Vermont Yankee
2. Reporting Period: October
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	745.00	7296.00	273457.80
12. Number Of Hours Reactor was Critical	699.22	7188.39	230337.22
13. Reactor Reserve Shutdown Hours	0.00	0.00	0.00
14. Hours Generator On-Line	683.08	7148.91	226662.69
15. Unit Reserve Shutdown Hours	0.00	0.00	0.00
16. Gross Thermal Energy Generated (MWH)	1075397.90	11275747.63	343656164.44
17. Gross Electrical Energy Generated (MWH)	369409.00	3852734.00	115433664.00
18. Net Electrical Energy Generated (MWH)	353639.00	3676919.00	109859278.00
19. Unit Service Factor	91.69	97.98	82.89
20. Unit Availability Factor	91.69	97.98	82.89
21. Unit Capacity Factor (Using MDC Net)	93.08	98.82	79.45
22. Unit Capacity Factor (Using DER Net)	90.94	96.55	77.83
23. Unit Forced Outage Rate	8.31	1.70	3.87
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

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

## AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-271  
UNIT Vermont Yankee  
DATE 031110  
COMPLETED BY G.A. WALLIN  
TELEPHONE (802)258-5414

MONTH October

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1.	<u>0</u>	17.	<u>527</u>
2.	<u>0</u>	18.	<u>527</u>
3.	<u>208</u>	19.	<u>527</u>
4.	<u>466</u>	20.	<u>527</u>
5.	<u>498</u>	21.	<u>527</u>
6.	<u>523</u>	22.	<u>527</u>
7.	<u>525</u>	23.	<u>528</u>
8.	<u>526</u>	24.	<u>527</u>
9.	<u>524</u>	25.	<u>527</u>
10.	<u>521</u>	*26.	<u>528</u>
11.	<u>519</u>	27.	<u>528</u>
12.	<u>518</u>	28.	<u>527</u>
13.	<u>521</u>	29.	<u>526</u>
14.	<u>523</u>	30.	<u>523</u>
15.	<u>527</u>	31.	<u>527</u>
16.	<u>528</u>		

\*25 hour day

## 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 OCTOBER

DOCKET NO 50-271  
 UNIT NAME Vermont Yankee  
 DATE 031110  
 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.
03-11 (cont)	030929	F	61.92	A	1 Manual	N/A	CB	VALVEX	Manual shutdown for "B" recirculation pump seal replacement.

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 031110  
COMPLETED BY G.A. WALLIN  
TELEPHONE (802)258-5414

REPORT MONTH October

SUMMARY OF OPERATING EXPERIENCES

Highlights

Vermont Yankee operated at 90.6% of rated thermal power for the month. Gross electrical generation was 369,409 MWHe or 90.8% 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 00.0% of rated thermal power.

- 031002 At 2147 hours, the reactor was critical following "B" recirculation pump seal replacement. (See Unit Shutdowns and Power Reductions)
- 031003 At 1355 hours, the turbine-generator was phased to the grid.
- 031003 At 1838 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