

# VERMONT YANKEE NUCLEAR POWER STATION

P.O. Box 157, Governor Hunt Road  
Vernon, Vermont 05354-0157  
(802) 257-7711

November 8, 2001  
BVY-01-81

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, 2001.

Sincerely,

VERMONT YANKEE NUCLEAR POWER STATION



Kevin H. Bronson  
Plant Manager

cc: USNRC Region I Administrator  
USNRC Resident Inspector - VYNPS  
USNRC Project Manager – VYNPS

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**VERMONT YANKEE NUCLEAR POWER STATION**

**MONTHLY STATISTICAL REPORT 01-10**

**FOR THE MONTH OF OCTOBER 2001**

# OPERATING DATA REPORT

DOCKET NO. 50-271  
DATE 011108  
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	252744.00
12. Number Of Hours Reactor was Critical	745.00	6727.75	213651.42
13. Reactor Reserve Shutdown Hours	0.00	0.00	0.00
14. Hours Generator On-Line	745.00	6682.24	210082.44
15. Unit Reserve Shutdown Hours	0.00	0.00	0.00
16. Gross Thermal Energy Generated(MWH)	1186146.60	10564487.55	317964194.91
17. Gross Electrical Energy Generated(MWH)	406179.00	3608312.00	106664513.00
18. Net Electrical Energy Generated(MWH)	384957.00	3435834.00	101484457.00
19. Unit Service Factor	100.00	91.60	82.10
20. Unit Availability Factor	100.00	91.60	82.10
21. Unit Capacity Factor(Using MDC Net)	101.30	92.30	78.50
22. Unit Capacity Factor(Using DER Net)	99.00	90.20	76.90
23. Unit Forced Outage Rate	0.00	0.89	4.11
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. 7  
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RT No. 13.F01.19F

## AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-271

UNIT Vermont Yankee

DATE 011108

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.	512	17.	516
2.	512	18.	518
3.	511	19.	519
4.	508	20.	518
5.	507	21.	518
6.	507	22.	519
7.	507	23.	519
8.	507	24.	524
9.	516	25.	524
10.	514	26.	524
11.	511	27.	526
12.	509	*28.	527
13.	508	29.	527
14.	508	30.	527
15.	513	31.	527
16.	516	*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. 7

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# UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH OCTOBER

DOCKET NO 50-271

UNIT NAME Vermont Yankee

DATE 011108

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

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REPORT MONTH October

SUMMARY OF OPERATING EXPERIENCES

Highlights

Vermont Yankee operated at 99.9% of rated thermal power for the month. Gross electrical generation was 406,179 MWh or 99.8% 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 99.9% 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. 7  
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