



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

September 10, 2003  
BVY-03-78

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 August, 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

IE24

**VERMONT YANKEE NUCLEAR POWER STATION**

**MONTHLY STATISTICAL REPORT 03-08**

**FOR THE MONTH OF AUGUST 2003**

# OPERATING DATA REPORT

DOCKETNO. 50-271

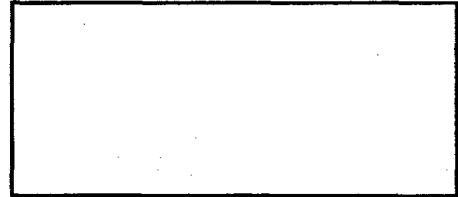
DATE 030910

COMPLETED BY G.A. WALLIN

TELEPHONE (802)258-5414

## OPERATING STATUS

1. Unit Name: Vermont Yankee
2. Reporting Period: August
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	5831.00	271992.80
12. Number Of Hours Reactor was Critical	744.00	5831.00	228979.83
13. Reactor Reserve Shutdown Hours	0.00	0.00	0.00
14. Hours Generator On-Line	744.00	5831.00	225344.78
15. Unit Reserve Shutdown Hours	0.00	0.00	0.00
16. Gross Thermal Energy Generated (MWH)	1183063.60	9229465.63	341609882.44
17. Gross Electrical Energy Generated (MWH)	399275.00	3156485.00	114737415.00
18. Net Electrical Energy Generated (MWH)	377983.00	3014867.00	109197226.00
19. Unit Service Factor	100.00	100.00	82.85
20. Unit Availability Factor	100.00	100.00	82.85
21. Unit Capacity Factor (Using MDC Net)	99.62	101.38	79.40
22. Unit Capacity Factor (Using DER Net)	97.33	99.05	77.78
23. Unit Forced Outage Rate	0.00	0.00	3.84
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 030910  
COMPLETED BY G.A. WALLIN  
TELEPHONE (802)258-5414

MONTH August

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1.	504	17.	511
2.	511	18.	511
3.	512	19.	512
4.	509	20.	508
5.	506	21.	501
6.	509	22.	505
7.	516	23.	507
8.	515	24.	506
9.	510	25.	500
10.	511	26.	499
11.	490	27.	501
12.	519	28.	504
13.	519	29.	501
14.	519	30.	501
15.	519	31.	505
16.	507		

## 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 AUGUSTDOCKET NO 50-271UNIT NAME Vermont YankeeDATE 030910COMPLETED BY G.A. WallinTELEPHONE (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.
03-07	030811	S	0.00	B	4 Power Reduction	N/A	RB	CONROD	Opened 79-40 breaker for air system repair work

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 030910  
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REPORT MONTH August

SUMMARY OF OPERATING EXPERIENCES

Highlights

Vermont Yankee operated at 99.8% of rated thermal power for the month. Gross electrical generation was 399,275 MWh or 98.2% 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.

030811 At 1128 hours, commenced a power reduction to 71% to support 79-40 breaker air system repairs. (See Unit Shutdowns and Power Reductions)

030811 At 1630 hours, completed air system repairs.

030811 At 1639 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.