

**Sienel, Beth**

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**From:** Pichette, Ann  
**Sent:** Thursday, August 07, 2003 3:34 PM  
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'bamelan@cvps.com'; Kilburn, Bobbi; Thayer, Jay; Bronson, Kevin; Williams, Rob; Cosgrove, Brian;  
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:** Vermont Yankee Nuclear Power Station MSR July 2003

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

If you have any questions please don't hesitate to contact me.

*Ann M. Pichette*  
*Controlled Document Specialist*  
*Technical Support Department*  
*802-451-3094*  
*MC 1220*

A-93



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August 07, 2003  
BVY-03-71

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 July, 2003.

Sincerely,

A handwritten signature in cursive script that reads "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 03-07**

**FOR THE MONTH OF JULY 2003**

OPERATING DATA REPORT

DOCKETNO. 50-271

DATE 030807

COMPLETED BY G.A. WALLIN

TELEPHONE (802)258-5414

OPERATING STATUS

1. Unit Name: Vermont Yankee
2. Reporting Period: July
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	5087.00	271248.80
12. Number Of Hours Reactor was Critical	744.00	5087.00	228235.83
13. Reactor Reserve Shutdown Hours	0.00	0.00	0.00
14. Hours Generator On-Line	744.00	5087.00	224600.78
15. Unit Reserve Shutdown Hours	0.00	0.00	0.00
16. Gross Thermal Energy Generated (MWH)	1178500.85	8046402.03	340426818.84
17. Gross Electrical Energy Generated (MWH)	392870.00	2757210.00	114338140.00
18. Net Electrical Energy Generated (MWH)	370028.00	2636884.00	108819243.00
19. Unit Service Factor	100.00	100.00	82.80
20. Unit Availability Factor	100.00	100.00	82.80
21. Unit Capacity Factor (Using MDC Net)	100.20	102.00	79.40
22. Unit Capacity Factor (Using DER Net)	97.90	99.70	77.70
23. Unit Forced Outage Rate	0.00	0.00	3.85
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

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-271  
 UNIT Vermont Yankee  
 DATE 030807  
 COMPLETED BY G.A. WALLIN  
 TELEPHONE (802)258-5414

MONTH July

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1.	<u>499</u>	17.	<u>499</u>
2.	<u>498</u>	18.	<u>501</u>
3.	<u>497</u>	19.	<u>501</u>
4.	<u>495</u>	20.	<u>499</u>
5.	<u>496</u>	21.	<u>500</u>
6.	<u>497</u>	22.	<u>503</u>
7.	<u>497</u>	23.	<u>444</u>
8.	<u>498</u>	24.	<u>500</u>
9.	<u>498</u>	25.	<u>505</u>
10.	<u>498</u>	26.	<u>507</u>
11.	<u>501</u>	27.	<u>501</u>
12.	<u>501</u>	28.	<u>501</u>
13.	<u>503</u>	29.	<u>501</u>
14.	<u>502</u>	30.	<u>474</u>
15.	<u>501</u>	31.	<u>498</u>
16.	<u>498</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  
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 RT No. 13.F01.18V

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH JULY

DOCKET NO 50-271  
 UNIT NAME Vermont Yankee  
 DATE 030807  
 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.
03-05	030723	F	0.00	A	4 Power Reduction	N/A	EA	ELECON	379 transmission line work
03-06	030730	S	0.00	B,H*	4 Power Reduction	N/A	RB	CONROD	Turbine bypass, stop and MSIV valve testing, and a rod pattern adjustment.

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) - rod pattern adjustment

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

DOCKET NO. 50-271  
DATE 030807  
COMPLETED BY G.A. WALLIN  
TELEPHONE (802)258-5414

REPORT MONTH July

SUMMARY OF OPERATING EXPERIENCES

Highlights

Vermont Yankee operated at 99.4% of rated thermal power for the month. Gross electrical generation was 392,870 MWh or 96.7% 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.

- 030723 At 1005 hours, commenced a power reduction to 79% to support 379 transmission line repairs. (See Unit Shutdowns and Power Reductions)
- 030723 At 2235 hours, began a return to full power following repairs to the 379 transmission line.
- 030730 At 0902 hours, commenced a power reduction to 69% to perform turbine bypass and stop valve testing, MSIV full closure testing, and a rod pattern adjustment. (See Unit Shutdowns and Power Reductions)
- 030730 At 0949 hours, commenced a rod pattern adjustment.
- 030730 At 0953 hours, completed the rod pattern adjustment.
- 030730 At 1003 hours, commenced MSIV full closure testing.
- 030730 At 1025 hours, completed MSIV full closure testing.
- 030730 At 1032 hours, commenced turbine stop valve testing.
- 030730 At 1057 hours, commenced turbine bypass valve testing.
- 030730 At 1120 hours, completed turbine stop and bypass valve testing.
- 030730 At 1137 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