



Entergy Nuclear Northeast
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January 08, 2004
BVY-04-001

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 December, 2003.

Sincerely,

Kevin H. Bronson
General Manager, Plant Operations

A handwritten signature in cursive script, appearing to read "Michael [unclear] for KHB".

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

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VERMONT YANKEE NUCLEAR POWER STATION

MONTHLY STATISTICAL REPORT 03-12

FOR THE MONTH OF DECEMBER 2003

OPERATING DATA REPORT

DOCKETNO. 50-271
 DATE 040108
 COMPLETED BY G.A. WALLIN
 TELEPHONE (802)258-5414

OPERATING STATUS

1. Unit Name: Vermont Yankee
2. Reporting Period: December
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	<u>744.00</u>	<u>8760.00</u>	<u>274921.80</u>
12. Number Of Hours Reactor was Critical	<u>744.00</u>	<u>8652.39</u>	<u>231801.22</u>
13. Reactor Reserve Shutdown Hours	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>
14. Hours Generator On-Line	<u>744.00</u>	<u>8612.91</u>	<u>228126.69</u>
15. Unit Reserve Shutdown Hours	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>
16. Gross Thermal Energy Generated(MWH)	<u>1174474.75</u>	<u>13592572.90</u>	<u>345972989.69</u>
17. Gross Electrical Energy Generated(MWH)	<u>404909.00</u>	<u>4651322.00</u>	<u>116232252.00</u>
18. Net Electrical Energy Generated(MWH)	<u>389151.00</u>	<u>4444152.00</u>	<u>110626511.00</u>
19. Unit Service Factor	<u>100.00</u>	<u>98.30</u>	<u>83.00</u>
20. Unit Availability Factor	<u>100.00</u>	<u>98.30</u>	<u>83.00</u>
21. Unit Capacity Factor(Using MDC Net)	<u>102.60</u>	<u>99.50</u>	<u>79.60</u>
22. Unit Capacity Factor(Using DER Net)	<u>100.20</u>	<u>97.20</u>	<u>77.90</u>
23. Unit Forced Outage Rate	<u>0.00</u>	<u>1.42</u>	<u>3.85</u>
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
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 RT No. 13.F01.19F

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-271
UNIT Vermont Yankee
DATE 040108
COMPLETED BY G.A. WALLIN
TELEPHONE (802)258-5414

MONTH December

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1.	<u>528</u>	17.	<u>528</u>
2.	<u>528</u>	18.	<u>528</u>
3.	<u>528</u>	19.	<u>528</u>
4.	<u>528</u>	20.	<u>528</u>
5.	<u>528</u>	21.	<u>528</u>
6.	<u>528</u>	22.	<u>528</u>
7.	<u>528</u>	23.	<u>528</u>
8.	<u>528</u>	24.	<u>528</u>
9.	<u>414</u>	25.	<u>528</u>
10.	<u>517</u>	26.	<u>527</u>
11.	<u>505</u>	27.	<u>527</u>
12.	<u>528</u>	28.	<u>527</u>
13.	<u>528</u>	29.	<u>522</u>
14.	<u>528</u>	30.	<u>529</u>
15.	<u>528</u>	31.	<u>529</u>
16.	<u>528</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 DECEMBERDOCKET NO 50-271UNIT NAME Vermont YankeeDATE 040108COMPLETED 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.
03-12	031209	S	0.00	B,H*	4 Power Reduction	N/A	RB	CONROD	Turbine and MSIV valve testing, single rod scram testing, and a rod pattern exchange.

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 exchange

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
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DOCKET NO. 50-271
DATE 040108
COMPLETED BY G.A. WALLIN
TELEPHONE (802) 258-5414

REPORT MONTH December

SUMMARY OF OPERATING EXPERIENCES

Highlights

Vermont Yankee operated at 99.0% of rated thermal power for the month. Gross electrical generation was 404,909 MWh or 99.6% 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.

031209 At 0802 hours, commenced a power reduction to 70% to perform turbine valve and MSIV full closure testing, single rod scram testing, and a rod pattern exchange. (See Unit Shutdowns and Power Reductions)
031209 At 0815 hours, commenced turbine valve testing.
031209 At 0940 hours, completed turbine valve testing.
031209 At 0940 hours, commenced MSIV full closure testing.
031209 At 0945 hours, completed MSIV full closure testing.
031209 At 1045 hours, commenced single rod scram testing and a rod pattern exchange.
031209 At 1615 hours, completed single rod scram testing and the rod pattern exchange.
031209 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)
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