



Entergy Nuclear Northeast
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February 10, 2005
BVY-05-013

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 January, 2005.

Sincerely,

A handwritten signature in black ink, appearing to read "W F Maguire".

William F. Maguire
General Manager, Plant Operations

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

IE24

VERMONT YANKEE NUCLEAR POWER STATION

MONTHLY STATISTICAL REPORT 05-01

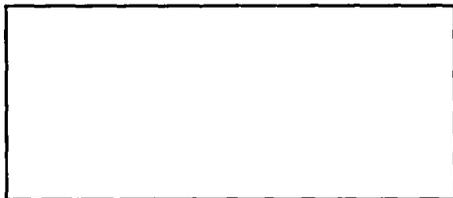
FOR THE MONTH OF JANUARY 2005

OPERATING DATA REPORT

DOCKETNO. 50-271
 DATE 050210
 COMPLETED BY G.A. WALLIN
 TELEPHONE (802)258-5414

OPERATING STATUS

1. Unit Name: Vermont Yankee
2. Reporting Period: JANUARY
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: High pressure turbine was replaced during RFO-24 with a unit designed for 1912 Mwt. This results in the unit running at a lower efficiency when at 1593 Mwt or lower.



	This Month	Yr-to-Date	Cumulative
11. Hours in Reporting Period	744.00	744.00	284449.80
12. Number Of Hours Reactor was Critical	744.00	744.00	240204.22
13. Reactor Reserve Shutdown Hours	0.00	0.00	0.00
14. Hours Generator On-Line	744.00	744.00	236472.06
15. Unit Reserve Shutdown Hours	0.00	0.00	0.00
16. Gross Thermal Energy Generated (MWH)	1146127.20	1146127.20	359146204.38
17. Gross Electrical Energy Generated (MWH)	380997.00	380997.00	120650582.00
18. Net Electrical Energy Generated (MWH)	365760.00	365760.00	114850292.00
19. Unit Service Factor	100.00	100.00	83.10
20. Unit Availability Factor	100.00	100.00	83.10
21. Unit Capacity Factor (Using MDC Net)	96.40	96.40	79.80
22. Unit Capacity Factor (Using DER Net)	94.20	94.20	78.20
23. Unit Forced Outage Rate	0.00	0.00	3.89
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: <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

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-271
 UNIT Vermont Yankee
 DATE 050210
 COMPLETED BY G.A. WALLIN
 TELEPHONE (802)258-5414

MONTH JANUARY

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1.	<u>512</u>	17.	<u>513</u>
2.	<u>512</u>	18.	<u>512</u>
3.	<u>512</u>	19.	<u>509</u>
4.	<u>512</u>	20.	<u>512</u>
5.	<u>511</u>	21.	<u>512</u>
6.	<u>511</u>	22.	<u>512</u>
7.	<u>512</u>	23.	<u>512</u>
8.	<u>512</u>	24.	<u>512</u>
9.	<u>512</u>	25.	<u>512</u>
10.	<u>511</u>	26.	<u>512</u>
11.	<u>512</u>	27.	<u>512</u>
12.	<u>512</u>	28.	<u>512</u>
13.	<u>484</u>	29.	<u>512</u>
14.	<u>281</u>	30.	<u>513</u>
15.	<u>276</u>	31.	<u>513</u>
16.	<u>376</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
 Page 1 of 1
 RT No. 13.F01.18V

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH JANUARY

DOCKET NO 50-271
 UNIT NAME Vermont Yankee
 DATE 050210
 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.
05-01	050113	S	0.00	B,H*	4 Power Reduction	N/A	RB	CONROD	Turbine bypass, stop valve and MSIV full closure testing. Rod pattern exchange, single rod scram testing, and condenser water box maintenance.

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
 Page 1 of 1

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REPORT MONTH JANUARY

SUMMARY OF OPERATING EXPERIENCES

Highlights

Vermont Yankee operated at 96.7% of rated thermal power for the month. Gross electrical generation was 380,997 MWh or 93.7% 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.

- 050113 At 2000 hours, commenced a power reduction to 62% to perform turbine bypass, stop valve and MSIV full closure testing. Also, a rod pattern exchange, single rod scram testing and condenser water box maintenance. (See Unit Shutdowns and Power Reductions)
- 050113 At 2040 hours, commenced turbine bypass valve testing.
- 050113 At 2055 hours, completed turbine bypass valve testing.
- 050113 At 2118 hours, commenced a rod pattern exchange.
- 050113 At 2210 hours, completed the rod pattern exchange.
- 050114 At 0025 hours, commenced condenser water box maintenance.
- 050114 At 0838 hours, commenced MSIV full closure testing.
- 050114 At 0904 hours, completed MSIV full closure testing.
- 050114 At 0931 hours, commenced turbine stop valve testing.
- 050114 At 1000 hours, completed turbine stop valve testing.
- 050114 At 1905 hours, commenced single rod scram testing.
- 050114 At 2325 hours, completed single rod scram testing.
- 050116 At 1234 hours, completed condenser water box maintenance and began a return to full power.

At the end of the reporting period the plant was operating at 99.9% of rated thermal power.