



Entergy Nuclear Northeast
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January 11, 2005
BVY-05-001

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, 2004.

Sincerely,

A handwritten signature in cursive script that reads "W. F. Maguire".

William F. Maguire
General Manager, Plant Operations

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

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VERMONT YANKEE NUCLEAR POWER STATION

MONTHLY STATISTICAL REPORT 04-12

FOR THE MONTH OF DECEMBER 2004

OPERATING DATA REPORT

DOCKETNO. 50-271

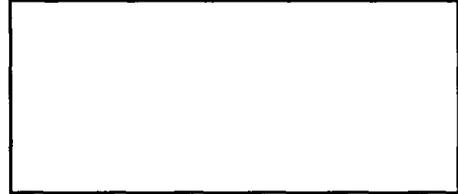
DATE 050110

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: 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	8784.00	283705.80
12. Number Of Hours Reactor was Critical	744.00	7659.00	239460.22
13. Reactor Reserve Shutdown Hours	0.00	0.00	0.00
14. Hours Generator On-Line	744.00	7601.37	235728.06
15. Unit Reserve Shutdown Hours	0.00	0.00	0.00
16. Gross Thermal Energy Generated(MWH)	1183504.75	12027087.44	358000077.13
17. Gross Electrical Energy Generated(MWH)	395882.00	4037333.00	120269585.00
18. Net Electrical Energy Generated(MWH)	380564.00	3858021.00	114484532.00
19. Unit Service Factor	100.00	86.50	83.10
20. Unit Availability Factor	100.00	86.50	83.10
21. Unit Capacity Factor(Using MDC Net)	100.30	86.10	79.80
22. Unit Capacity Factor(Using DER Net)	98.00	84.10	78.10
23. Unit Forced Outage Rate	0.00	5.57	3.90
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 050110
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MONTH DECEMBER

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1.	512	17.	512
2.	512	18.	494
3.	512	19.	512
4.	512	20.	512
5.	512	21.	512
6.	511	22.	512
7.	513	23.	512
8.	513	24.	512
9.	513	25.	512
10.	512	26.	512
11.	512	27.	512
12.	512	28.	511
13.	512	29.	512
14.	512	30.	512
15.	512	31.	512
16.	512		

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.

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH DECEMBER

DOCKET NO 50-271
 UNIT NAME Vermont Yankee
 DATE 050110
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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 DECEMBER

SUMMARY OF OPERATING EXPERIENCES

Highlights

Vermont Yankee operated at 99.9% of rated thermal power for the month. Gross electrical generation was 395,882 MWh or 97.4% 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.