



Entergy Nuclear Northeast
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May 10, 2005
BVY-05-048

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 April, 2005.

Sincerely,

A handwritten signature in black ink, appearing to read "W. 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 05-04

FOR THE MONTH OF APRIL 2005

OPERATING DATA REPORT

DOCKETNO. 50-271
 DATE 050510
 COMPLETED BY G.A. WALLIN
 TELEPHONE (802)258-5414

OPERATING STATUS

1. Unit Name: Vermont Yankee
2. Reporting Period: APRIL
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	719.00	2879.00	286584.80
12. Number Of Hours Reactor was Critical	719.00	2879.00	242339.22
13. Reactor Reserve Shutdown Hours	0.00	0.00	0.00
14. Hours Generator On-Line	719.00	2879.00	238607.06
15. Unit Reserve Shutdown Hours	0.00	0.00	0.00
16. Gross Thermal Energy Generated (MWH)	1129530.10	4526744.53	362526821.75
17. Gross Electrical Energy Generated (MWH)	377910.00	1513617.00	121783202.00
18. Net Electrical Energy Generated (MWH)	362830.00	1453866.00	115938398.00
19. Unit Service Factor	100.00	100.00	83.30
20. Unit Availability Factor	100.00	100.00	83.30
21. Unit Capacity Factor (Using MDC Net)	98.90	99.00	80.00
22. Unit Capacity Factor (Using DER Net)	96.70	96.70	78.30
23. Unit Forced Outage Rate	0.00	0.00	3.86
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>			

INITIAL CRITICALITY
 INITIAL ELECTRICITY
 COMMERCIAL OPERATION

Forecast Achieved

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-271
 UNIT Vermont Yankee
 DATE 050510
 COMPLETED BY G.A. WALLIN
 TELEPHONE (802) 258-5414

MONTH APRIL

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1.	513	17.	512
2.	513	18.	512
3.*	513	19.	512
4.	513	20.	511
5.	513	21.	511
6.	513	22.	511
7.	513	23.	511
8.	513	24.	500
9.	488	25.	385
10.	513	26.	457
11.	513	27.	511
12.	512	28.	511
13.	513	29.	511
14.	512	30.	509
15.	512	31.	---
16.	507		*23 hour day

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 APRIL

DOCKET NO 50-271
 UNIT NAME Vermont Yankee
 DATE 050510
 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.
05-03	050425	F	0.00	A	4 Power Reduction	N/A	EA	ELECON	340 and 379 transmission line 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

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REPORT MONTH APRIL

SUMMARY OF OPERATING EXPERIENCES

Highlights

Vermont Yankee operated at 98.6% of rated thermal power for the month. Gross electrical generation was 377,910 MWh or 96.2% 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.

050425 At 1157 hours, commenced a power reduction to 49% to support 340 and 379 transmission line repairs. (See Unit Shutdowns and Power Reductions)

050425 At 1915 hours, began a return to full power following 340 transmission line repairs and secured 379 transmission line work for the day.

Note:

050426 At 2056 hours, 379 transmission line work completed.

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