



Entergy Nuclear Northeast
Entergy Nuclear Operations, Inc.
Vermont Yankee
322 Governor Hunt Rd.
P.O. Box 157
Vernon, VT 05354
Tel 802-257-7711

June 10, 2004
BVY-04-052

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 May, 2004.

Sincerely,

A handwritten signature in cursive script, appearing to read "Kevin H. Bronson".

Kevin H. Bronson
General Manager, Plant Operations

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

IE24

VERMONT YANKEE NUCLEAR POWER STATION

MONTHLY STATISTICAL REPORT 04-05

FOR THE MONTH OF MAY 2004

OPERATING DATA REPORT

DOCKETNO. 50-271

DATE 040610

COMPLETED BY G.A. WALLIN

TELEPHONE (802)258-5414

OPERATING STATUS

1. Unit Name: Vermont Yankee
2. Reporting Period: May
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	3647.00	278568.80
12. Number Of Hours Reactor was Critical	685.08	2944.50	234745.72
13. Reactor Reserve Shutdown Hours	0.00	0.00	0.00
14. Hours Generator On-Line	656.58	2912.40	231039.09
15. Unit Reserve Shutdown Hours	0.00	0.00	0.00
16. Gross Thermal Energy Generated(MWH)	1004658.50	4588562.45	350561552.19
17. Gross Electrical Energy Generated(MWH)	334645.00	1570306.00	117802558.00
18. Net Electrical Energy Generated(MWH)	319916.00	1506570.00	112133081.00
19. Unit Service Factor	88.30	79.90	82.90
20. Unit Availability Factor	88.30	79.90	82.90
21. Unit Capacity Factor(Using MDC Net)	84.30	81.00	79.60
22. Unit Capacity Factor(Using DER Net)	82.40	79.10	78.00
23. Unit Forced Outage Rate	0.00	0.00	3.80

24. Shutdowns scheduled over next 6 months(Type, Date, and Duration of Each: N/A)

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

VYDPF 0411.01 (Sample)
DP 0411 Rev. 8
Page 1 of 1
RT No. 13.F01.19F

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-271

UNIT Vermont Yankee

DATE 040610

COMPLETED BY G.A. WALLIN

TELEPHONE (802)258-5414

MONTH May

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1.	0	17.	510
2.	0	18.	507
3.	0	19.	510
4.	64	20.	507
5.	227	21.	506
6.	365	22.	503
7.	457	23.	509
8.	508	24.	511
9.	512	25.	512
10.	511	26.	512
11.	513	27.	513
12.	512	28.	513
13.	512	29.	512
14.	512	30.	513
15.	508	31.	513
16.	509		

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 MAY

DOCKET NO 50-271
 UNIT NAME Vermont Yankee
 DATE 040610
 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.
04-02	040504	S	87.42	B,C	1	N/A	RB	CONROD	Shutdown for RFO-24 refueling outage

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

DOCKET NO. 50-271
DATE 040610
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REPORT MONTH May

SUMMARY OF OPERATING EXPERIENCES

Highlights

Vermont Yankee operated at 84.8% of rated thermal power for the month. Gross electrical generation was 334,645 MWHe or 82.4% 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 00.0% of rated thermal power.

- 040503 At 1055 hours, the reactor was critical. (See Unit Shutdowns and Power Reductions)
- 040504 At 1331 hours, the turbine-generator was phased to the grid.
- 040504 At 2113 hours, the turbine-generator was removed from the grid.
- 040504 At 2307 hours, the turbine-generator was phased to the grid 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.