



**Entergy Nuclear Northeast**  
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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 June, 2004.

Sincerely,

Kevin H. Bronson  
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 04-06**

**FOR THE MONTH OF JUNE 2004**

OPERATING DATA REPORT

DOCKETNO. 50-271

DATE 040708

COMPLETED BY G.A. WALLIN

TELEPHONE (802)258-5414

OPERATING STATUS

1. Unit Name: Vermont Yankee
2. Reporting Period: JUNE
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	720.00	4367.00	279288.80
12. Number Of Hours Reactor was Critical	414.67	3359.17	235160.39
13. Reactor Reserve Shutdown Hours	0.00	0.00	0.00
14. Hours Generator On-Line	414.67	3327.07	231453.76
15. Unit Reserve Shutdown Hours	0.00	0.00	0.00
16. Gross Thermal Energy Generated(MWH)	660019.75	5248582.20	351221571.94
17. Gross Electrical Energy Generated(MWH)	219788.00	1790094.00	118022346.00
18. Net Electrical Energy Generated(MWH)	209343.00	1715913.00	112342424.00
19. Unit Service Factor	57.59	76.19	82.87
20. Unit Availability Factor	57.59	76.19	82.87
21. Unit Capacity Factor(Using MDC Net)	57.01	77.04	79.54
22. Unit Capacity Factor(Using DER Net)	55.70	75.27	77.91
23. Unit Forced Outage Rate	42.41	8.41	3.91
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 040708  
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MONTH JUNE

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1.	513	17.	492
2.	513	18.	123
3.	513	19.	0
4.	512	20.	0
5.	511	21.	0
6.	512	22.	0
7.	511	23.	0
8.	506	24.	0
9.	506	25.	0
10.	505	26.	0
11.	509	27.	0
12.	504	28.	0
13.	501	29.	0
14.	500	30.	0
15.	499	31.	---
16.	494		

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 JUNE

DOCKET NO 50-271  
 UNIT NAME Vermont Yankee  
 DATE 040708  
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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.
04-03	040618	F	305.33	A	3	2004-003	EB	TRANSF	Generator load reject due to electrical fault on main transformer

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  
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REPORT MONTH JUNE

SUMMARY OF OPERATING EXPERIENCES

Highlights

Vermont Yankee operated at 57.5% of rated thermal power for the month. Gross electrical generation was 219,788 MWh or 55.9% 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.

040618 At 0640 hours, the turbine tripped and reactor scrammed due to main generator load reject. The cause of the load reject was a fire on the main transformer caused by excessive ground. (See Unit Shutdowns and Power Reductions)

At the end of the reporting period the plant was operating at 0.0% of rated thermal power.

VYDPF 0411.04 (Sample)  
DP 0411 Rev. 8  
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