



Entergy Nuclear Northeast
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August 10, 2004
BVY-04-075

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 July, 2004.

Sincerely,

A handwritten signature in cursive script that reads "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 04-07

FOR THE MONTH OF JULY 2004

OPERATING DATA REPORT

DOCKETNO. 50-271

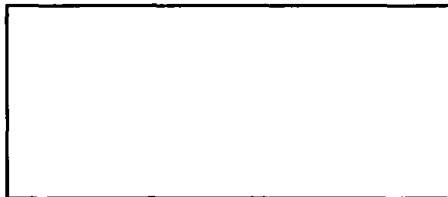
DATE 040810

COMPLETED BY G.A. WALLIN

TELEPHONE (802)258-5414

OPERATING STATUS

1. Unit Name: Vermont Yankee
2. Reporting Period: JULY
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): 513
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	5111.00	280032.80
12. Number Of Hours Reactor was Critical	626.83	3986.00	235787.22
13. Reactor Reserve Shutdown Hours	0.00	0.00	0.00
14. Hours Generator On-Line	601.30	3928.37	232055.06
15. Unit Reserve Shutdown Hours	0.00	0.00	0.00
16. Gross Thermal Energy Generated (MWH)	936535.45	6185117.65	352158107.39
17. Gross Electrical Energy Generated (MWH)	304722.00	2094816.00	118327068.00
18. Net Electrical Energy Generated (MWH)	287777.00	2003690.00	112630201.00
19. Unit Service Factor	80.82	76.86	82.87
20. Unit Availability Factor	80.82	76.86	82.87
21. Unit Capacity Factor (Using MDC Net)	75.84	76.87	79.53
22. Unit Capacity Factor (Using DER Net)	74.10	75.10	77.90
23. Unit Forced Outage Rate	19.18	10.24	3.96
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 040810
 COMPLETED BY G.A. WALLIN
 TELEPHONE (802)258-5414

MONTH JULY

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1.	0	17.	489
2.	0	18.	477
3.	0	19.	488
4.	0	20.	492
5.	0	21.	492
6.	30	22.	491
7.	281	23.	490
8.	451	24.	491
9.	443	25.	488
10.	496	26.	491
11.	496	27.	490
12.	492	28.	491
13.	493	29.	501
14.	494	30.	494
15.	492	31.	489
16.	493		

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.

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 RT No. 13.F01.18V

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH JULY

DOCKET NO 50-271
 UNIT NAME Vermont Yankee
 DATE 040810
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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 (cont)	040706	F	142.70	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

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REPORT MONTH JULY

SUMMARY OF OPERATING EXPERIENCES

Highlights

Vermont Yankee operated at 57.5% of rated thermal power for the month. Gross electrical generation was 304,722 MWh or 78.9% 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 00.0% of rated thermal power.

- 040705 At 2110 hours, the reactor was critical. (See Unit Shutdowns and Power Reductions)
- 040706 At 2242 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.

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