

VERMONT YANKEE NUCLEAR POWER STATION

P.O. Box 157, Governor Hunt Road
Vernon, Vermont 05354-0157
(802) 257-7711

June 8, 2001
BVY-01-47

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, 2001.

Sincerely,

VERMONT YANKEE NUCLEAR POWER STATION



Kevin H. Bronson
Plant Manager

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

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VERMONT YANKEE NUCLEAR POWER STATION

MONTHLY STATISTICAL REPORT 01-05

FOR THE MONTH OF MAY 2001

OPERATING DATA REPORT

DOCKET NO. 50-271
DATE 010608
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	3623.00	249071.00
12. Number Of Hours Reactor was Critical	299.17	3053.12	209978.42
13. Reactor Reserve Shutdown Hours	0.00	0.00	0.00
14. Hours Generator On-Line	275.93	3009.00	206409.00
15. Unit Reserve Shutdown Hours	0.00	0.00	0.00
16. Gross Thermal Energy Generated (MWH)	398501.55	4720625.90	312120333.10
17. Gross Electrical Energy Generated (MWH)	135986.00	1627564.00	104683765.00
18. Net Electrical Energy Generated (MWH)	129478.00	1562576.00	99611199.00
19. Unit Service Factor	37.10	83.10	83.60
20. Unit Availability Factor	37.10	83.10	83.60
21. Unit Capacity Factor (Using MDC Net)	34.10	84.60	79.90
22. Unit Capacity Factor (Using DER Net)	33.30	82.60	78.30
23. Unit Forced Outage Rate	0.00	1.74	4.18
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: 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. 7
Page 1 of 1
RT No. 13.F01.19F

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-271

UNIT Vermont Yankee

DATE 010608

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.	0
2.	0	18.	0
3.	0	19.	0
4.	0	20.	89
5.	0	21.	218
6.	0	22.	431
7.	0	23.	506
8.	0	24.	522
9.	0	25.	519
10.	0	26.	523
11.	0	27.	522
12.	0	28.	525
13.	0	29.	526
14.	0	30.	527
15.	0	31.	527
16.	0		

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. 7

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RT No. 13.F01.18V

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH MAY

DOCKET NO 50-271

UNIT NAME Vermont Yankee

DATE 010608

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
01-05 (contd)	010520	S	468.07	B,C	N/A	N/A	N/A	N/A	Shutdown for 2001 Refueling/ Maintenance outage and Turbine over speed testing

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 May

SUMMARY OF OPERATING EXPERIENCES

Highlights

Vermont Yankee operated at 33.6% of rated thermal power for the month. Gross electrical generation was 135,986 MWh or 33.4% 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.

010519 At 1250 hours, the reactor was critical.
010520 At 1105 hours, the turbine-generator was phased to the grid.
010520 At 1540 hours, the turbine-generator was removed from the grid.
010520 At 1639 hours, the turbine-generator was phased to the grid and a return to full power was initiated. (See Unit Shutdowns and Power Reductions)
010520 At 0000 hours, completed the rod pattern adjustment 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.

VYDPF 0411.04 (Sample)
DP 0411 Rev. 7
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RT No. 13.F01.18X