

VERMONT YANKEE NUCLEAR POWER STATION

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

September 7, 2001
BVY-01-69

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 August, 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

IL24

VERMONT YANKEE NUCLEAR POWER STATION

MONTHLY STATISTICAL REPORT 01-08

FOR THE MONTH OF AUGUST 2001

OPERATING DATA REPORT

DOCKET NO. 50-271

DATE 010907

COMPLETED BY G.A. WALLIN

TELEPHONE (802) 258-5414

OPERATING STATUS

1. Unit Name: Vermont Yankee

2. Reporting Period: August

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	5831.00	251279.00
12. Number Of Hours Reactor was Critical	744.00	5262.75	212186.42
13. Reactor Reserve Shutdown Hours	0.00	0.00	0.00
14. Hours Generator On-Line	744.00	5217.24	208617.44
15. Unit Reserve Shutdown Hours	0.00	0.00	0.00
16. Gross Thermal Energy Generated (MWH)	1181780.60	8232672.18	315632379.53
17. Gross Electrical Energy Generated (MWH)	394731.00	2814922.00	105871123.00
18. Net Electrical Energy Generated (MWH)	371824.00	2685686.00	100734309.00
19. Unit Service Factor	100.00	89.50	82.00
20. Unit Availability Factor	100.00	89.50	82.00
21. Unit Capacity Factor (Using MDC Net)	98.00	90.30	78.30
22. Unit Capacity Factor (Using DER Net)	95.70	88.20	76.80
23. Unit Forced Outage Rate	0.00	1.01	4.14

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. 7
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RT No. 13.F01.19F

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO.	50-271
UNIT	Vermont Yankee
DATE	010907
COMPLETED BY	G.A. WALLIN
TELEPHONE	(802) 258-5414

MONTH August

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1.	<u>505</u>	17.	<u>478</u>
2.	<u>501</u>	18.	<u>501</u>
3.	<u>498</u>	19.	<u>501</u>
4.	<u>501</u>	20.	<u>499</u>
5.	<u>501</u>	21.	<u>500</u>
6.	<u>501</u>	22.	<u>501</u>
7.	<u>503</u>	23.	<u>503</u>
8.	<u>497</u>	24.	<u>504</u>
9.	<u>495</u>	25.	<u>506</u>
10.	<u>500</u>	26.	<u>503</u>
11.	<u>502</u>	27.	<u>499</u>
12.	<u>502</u>	28.	<u>497</u>
13.	<u>500</u>	29.	<u>503</u>
14.	<u>502</u>	30.	<u>503</u>
15.	<u>504</u>	31.	<u>499</u>
16.	<u>483</u>		

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)
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RT No. 13.F01.18V

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH AUGUSTDOCKET NO 50-271UNIT NAME Vermont YankeeDATE 010907COMPLETED BY G.A. WallinTELEPHONE (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
01-06	010816	S	0.00	B,H*	4 Power Reduction	N/A	RB	CONROD	Main steam isolation and turbine bypass valve testing and a rod pattern exchange

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) - rod pattern exchange

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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DP 0411 Rev. 7
Page 1 of 1

DOCKET NO. 50-271
DATE 010907
COMPLETED BY G.A. WALLIN
TELEPHONE (802)258-5414

REPORT MONTH August

SUMMARY OF OPERATING EXPERIENCES

Highlights

Vermont Yankee operated at 99.7% of rated thermal power for the month. Gross electrical generation was 394,731 MWh or 97.1% 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.

010816 At 2100 hours, reducing power to 65% to perform MSIV full closure, turbine bypass valve testing, and a rod pattern exchange.
(See Unit Shutdowns and Power Reductions)
010816 At 2250 hours, commenced MSIV full closure testing.
010816 At 2315 hours, completed MSIV full closure testing.
010816 At 2315 hours, commenced turbine bypass valve testing.
010816 At 2350 hours, completed turbine bypass valve testing.

010816 At 2355 hours, commenced a rod pattern exchange.
010817 At 0105 hours, completed the rod pattern exchange.
010817 At 0115 hours, commenced 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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