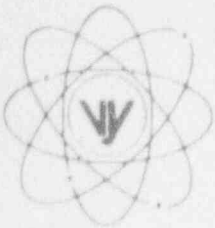


# VERMONT YANKEE NUCLEAR POWER CORPORATION



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

August 10, 1994  
VY-RCE-94-020  
BYY 94-76

U.S. 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 6.7.A.3 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, 1994.

Sincerely,

Vermont Yankee Nuclear Power Corp.

Donald A. Reid  
Vice President, Operations

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 94-07**

**FOR THE MONTH OF JULY 1994**

# OPERATING DATA REPORT

DOCKET NO. 50-271  
 DATE 940810  
 COMPLETED BY G.A. WALLIN  
 TELEPHONE (802)257-7711

## 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): 514(oc) 504(cc)
6. Maximum Dependable Capacity(Gross MWe): 535
7. Maximum Dependable Capacity(Net MWe): 504
8. If changes, occur in capacity ratings(Items Number 3 through 7) since last report, give reasons:  
N/A
9. Power level to which restricted, if any(Net MWe): N/A
10. Reasons for restrictions, if any: N/A

NOTES:

	This Month	Yr-to-Date	Cumulative
11. Hours in Reporting Period	744.00	5087.00	189911.00
12. Number Of Hours Reactor was Critical	744.00	5046.12	156263.53
13. Reactor Reserve Shutdown Hours	0.00	0.00	0.00
14. Hours Generator On-Line	744.00	5030.17	153145.79
15. Unit Reserve Shutdown Hours	0.00	0.00	0.00
16. Gross Thermal Energy Generated(MWH)	1146764.05	7930968.10	228636639.60
17. Gross Electrical Energy Generated	376512.00	2666338.00	76185720.00
18. Net Electrical Energy Generated(MWH)	356025.00	2551338.00	72398362.00
19. Unit Service Factor	100.00	98.88	79.92
20. Unit Availability Factor	100.00	98.88	79.92
21. Unit Capacity Factor(Using MDC Net)	94.95	99.51	74.97
22. Unit Capacity Factor(Using DER Net)	93.10	97.58	73.51
23. Unit Forced Outage Rate	0.00	1.12	5.05
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

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

# AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-271  
UNIT Vermont Yankee  
DATE 940810  
COMPLETED BY G.A. WALLIN  
TELEPHONE (802)257-7711

MONTH July

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1.	<u>501</u>	17.	<u>492</u>
2.	<u>501</u>	18.	<u>491</u>
3.	<u>497</u>	19.	<u>469</u>
4.	<u>503</u>	20.	<u>495</u>
5.	<u>502</u>	21.	<u>496</u>
6.	<u>489</u>	22.	<u>496</u>
7.	<u>491</u>	23.	<u>498</u>
8.	<u>491</u>	24.	<u>492</u>
9.	<u>489</u>	25.	<u>496</u>
10.	<u>492</u>	26.	<u>498</u>
11.	<u>497</u>	27.	<u>489</u>
12.	<u>496</u>	28.	<u>445</u>
13.	<u>493</u>	29.	<u>423</u>
14.	<u>492</u>	30.	<u>296</u>
15.	<u>494</u>	31.	<u>336</u>
16.	<u>496</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  
DP 0411 Rev. 5  
Page 1 of 1  
RT No. 13.F01.18V

## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH JULYDOCKET NO 50-271UNIT NAME Vermont YankeeDATE 940810COMPLETED BY G.A. WallinTELEPHONE (802)257-7711

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
94-06	940719	S	0.00	H	4 Power Reduction	N/A	RB	CONROD	Rod Pattern Exchange
94-07	940729	F	0.00	A	4 Power Reduction	N/A	WE	HTEXCH	West cooling tower structural damage under investigation

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

VYDPF 0411.03  
DP 0411 Rev. 5  
Page 1 of 1