

# VERMONT YANKEE NUCLEAR POWER CORPORATION

P. O. BOX 157  
GOVERNOR HUNT ROAD  
VERNON, VERMONT 05354

March 10, 1991  
VYV 91-072

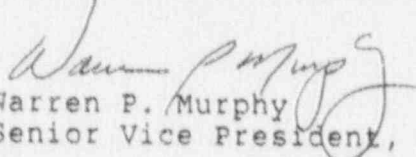
U.S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
Washington, D.C. 20555

Dear Sir:

Submitted herewith is the Monthly Statistical Report for the  
Vermont Yankee Nuclear Power Station for the month of February, 1991.

Very truly yours,

VERMONT YANKEE NUCLEAR POWER CORP.

  
Warren P. Murphy  
Senior Vice President, Operations

- cc: 1) USNRC  
Region I  
475 Allendale Road  
King of Prussia, PA 19406
- 2) USNRC  
Resident Inspector, VYNPS

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VERMONT YANKEE NUCLEAR POWER STATION  
MONTHLY STATISTICAL REPORT 91-02  
FOR THE MONTH OF FEBRUARY, 1991

# OPERATING DATA REPORT

DOCKET NO. 50-271  
 DATE 910310  
 COMPLETED BY G.A. Wallin  
 TELEPHONE (802)257-7711

## OPERATING STATUS

1. Unit Name: Vermont Yankee
2. Reporting Period: February
3. Licensed Thermal Power(MWt): 1593
4. Nameplate Rating(Gross MWe): 540

NOTES:

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

	This Month	Yr-to-Date	Cumulative
11. Hours In Reporting Period	672.00	1416.00	159936.00
12. Number Of Hours Reactor was Critical	672.00	1416.00	129604.63
13. Reactor Reserve Shutdown Hours	0.00	0.00	0.00
14. Hours Generator On-Line	672.00	1416.00	126787.60
15. Unit Reserve Shutdown Hours	0.00	0.00	0.00
16. Gross Thermal Energy Generated(MWH)	1069794.00	2228731.50	187544036.50
17. Gross Electrical Energy Generated	361283.00	752270.00	62499765.00
18. Net Electrical Energy Generated(MWH)	346731.00	721864.00	59353834.00
19. Unit Service Factor	100.00	100.00	78.44
20. Unit Availability Factor	100.00	100.00	78.44
21. Unit Capacity Factor(Using MDC Net)	102.37	101.15	72.86
22. Unit Capacity Factor(Using DER Net)	100.38	99.18	71.44
23. Unit Forced Outage Rate	0.00	0.00	5.46
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

INITIAL CRITICALITY  
 INITIAL ELECTRICITY  
 COMMERCIAL OPERATION

Forecast Achieved

# AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-271  
UNIT Vermont Yankee  
DATE 910310  
COMPLETED BY G.A. Wallin  
TELEPHONE (802)257-7711

MONTH February

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1.	516	17.	515
2.	516	18.	516
3.	515	19.	516
4.	516	20.	516
5.	517	21.	516
6.	517	22.	518
7.	516	23.	516
8.	516	24.	515
9.	516	25.	516
10.	515	26.	516
11.	516	27.	516
12.	515	28.	516
13.	516	29.	---
14.	516	30.	---
15.	516	31.	---
16.	516		

## 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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## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH FEBRUARY

DOCKET NO 50-271  
UNIT NAME Vermont Yankee  
DATE 910310  
COMPLETED BY G.A. Wallin  
TELEPHONE (802)257-7711

No.	Date	1 Type	Duration (hours)	2 Reason	Method of Shutting Down Reactor 3	License Event Report#	System Code 4	Component Code 5	Cause and Corrective Action to Prevent Recurrence
None									

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 Licensee  
Event Report (LER) File  
(NUREG 0161)

5 Exhibit I - Same Source



DOCKET NO. 50-271  
UNIT Vermont Yankee  
DATE 910310  
COMPLETED BY G.A. Wallin  
TELEPHONE (802)257-7711

REPORT MONTH February

## SUMMARY OF OPERATING EXPERIENCES

### Highlights

Vermont Yankee operated at 99.9% of rated thermal power for the month. Gross electrical generation was 361,283 MWHe or 99.6% 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.

There were no items of interest to report this month.

At the end of the reporting period the plant was operating at 99.9% of rated thermal power.

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