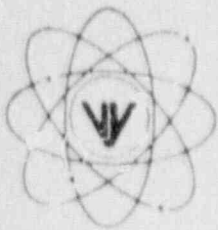


# VERMONT YANKEE NUCLEAR POWER CORPORATION



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

January 10, 1992  
VY-PCE-92-001  
BVY 92-02

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 December, 1991.

Very truly yours,  
VERMONT YANKEE NUCLEAR POWER CORP.

*Warren P. Murphy*  
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 91-12  
FOR THE MONTH OF DECEMBER, 1991

# OPERATING DATA REPORT

DOCKET NO. 50-271  
 DATE 920110  
 COMPLETED BY G.A. WALLIN  
 TELEPHONE (802)257-7711

## OPERATING STATUS

1. Unit Name: Vermont Yankee
2. Reporting Period: December
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	<u>744.00</u>	<u>8760.00</u>	<u>167280.00</u>
12. Number Of Hours Reactor was Critical	<u>744.00</u>	<u>8264.93</u>	<u>136453.56</u>
13. Reactor Reserve Shutdown Hours	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>
14. Hours Generator On-Line	<u>744.00</u>	<u>8201.61</u>	<u>133572.21</u>
15. Unit Reserve Shutdown Hours	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>
16. Gross Thermal Energy Generated(MWH)	<u>1177118.50</u>	<u>12947233.00</u>	<u>198262538.00</u>
17. Gross Electrical Energy Generated	<u>396561.00</u>	<u>4312873.00</u>	<u>66060368.00</u>
18. Net Electrical Energy Generated(MWH)	<u>380563.00</u>	<u>4108313.00</u>	<u>62740283.00</u>
19. Unit Service Factor	<u>100.00</u>	<u>93.63</u>	<u>79.04</u>
20. Unit Availability Factor	<u>100.00</u>	<u>93.63</u>	<u>79.04</u>
21. Unit Capacity Factor(Using MDC Net)	<u>101.49</u>	<u>93.05</u>	<u>73.67</u>
22. Unit Capacity Factor(Using DER Net)	<u>99.52</u>	<u>91.24</u>	<u>72.23</u>
23. Unit Forced Outage Rate	<u>0.00</u>	<u>4.38</u>	<u>5.47</u>
24. Shutdowns scheduled over next 6 months(Type, Date, and Duration of Each: <u>1992 Refueling Outage scheduled to last for a six week period.</u> <u>on March 7, 1992 and</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>			

INITIAL CRITICALITY  
 INITIAL ELECTRICITY  
 COMMERCIAL OPERATION

Forecast Achieved

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

# AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-271  
UNIT Vermont Yankee  
DATE 920110  
COMPLETED BY G.A. WALLIN  
TELEPHONE (802)257-7711

MONTH December

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1.	<u>514</u>	17.	<u>515</u>
2.	<u>515</u>	18.	<u>514</u>
3.	<u>515</u>	19.	<u>429</u>
4.	<u>515</u>	20.	<u>503</u>
5.	<u>514</u>	21.	<u>515</u>
6.	<u>515</u>	22.	<u>515</u>
7.	<u>514</u>	23.	<u>516</u>
8.	<u>515</u>	24.	<u>515</u>
9.	<u>515</u>	25.	<u>515</u>
10.	<u>515</u>	26.	<u>514</u>
11.	<u>515</u>	27.	<u>515</u>
12.	<u>515</u>	28.	<u>515</u>
13.	<u>515</u>	29.	<u>514</u>
14.	<u>515</u>	30.	<u>514</u>
15.	<u>513</u>	31.	<u>515</u>
16.	<u>515</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.

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DP 0411 Rev. 4  
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RT No. 13.F01.18V

# UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH DECEMBER

DOCKET NO 50-271

UNIT NAME Vermont Yankee

DATE 920110

COMPLETED BY G.A. Wallin

TELEPHONE (802)257-7711

No.	Date	1 Type	Duration (hours)	2 Reason	3 Method of Shutting Down Reactor	License Event Report #	System Code 4	Component Code 5	Cause and Corrective Action to Prevent Recurrence
91-12	911219	S	0.00	B	4 Power Reduction	N/A	HE	PIPEXX	Repairs to Bypass Valve Stem Leak-off line.

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

DOCKET NO. 50-271  
DATE 920110  
COMPLETED BY G.A. WALLIN  
TELEPHONE (802)257-7711

REPORT MONTH DECEMBER

SUMMARY OF OPERATING EXPERIENCES

Highlights

Vermont Yankee operated at 99.3% of rated thermal power for the month. Gross electrical generation was 396,561 MWh or 98.7% 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 99.7% of rated thermal power.

911219 At 1200 hours, initiated a power reduction to 69% for repairs to the bypass valve stem leak-off line.

911219 At 2330 hours, completed repairs to the bypass valve stem leak-off line and initiated 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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