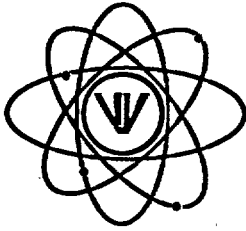


**VERMONT YANKEE  
NUCLEAR POWER CORPORATION**



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

December 10, 1999  
BVY-99-157

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 6.7.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 November, 1999.

Sincerely,

VERMONT YANKEE NUCLEAR POWER CORPORATION

A handwritten signature in cursive script that reads "Michael A. Balduzzi".

Michael A. Balduzzi  
Plant Manager

cc: USNRC Region I Administrator  
USNRC Resident Inspector - VYNPS  
USNRC Project Manager - VYNPS  
Vermont Department of Public Service

JE24

POL A00ca 05000271

**VERMONT YANKEE NUCLEAR POWER STATION**

**MONTHLY STATISTICAL REPORT 99-11**

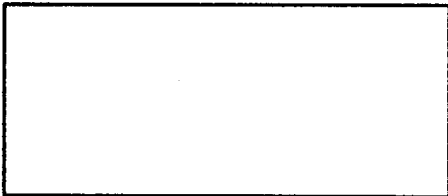
**FOR THE MONTH OF NOVEMBER 1999**

OPERATING DATA REPORT

DOCKET NO. 50-271  
 DATE 991210  
 COMPLETED BY G.A. WALLIN  
 TELEPHONE (802) 258-5414

OPERATING STATUS

1. Unit Name: Vermont Yankee
2. Reporting Period: November
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               | 720.00     | 8016.00     | 235920.00    |
| 12. Number Of Hours Reactor was Critical    | 0.00       | 7239.58     | 197440.74    |
| 13. Reactor Reserve Shutdown Hours          | 0.00       | 0.00        | 0.00         |
| 14. Hours Generator On-Line                 | 0.00       | 7235.00     | 193959.00    |
| 15. Unit Reserve Shutdown Hours             | 0.00       | 0.00        | 0.00         |
| 16. Gross Thermal Energy Generated (MWH)    | 0.00       | 11422878.90 | 292502540.30 |
| 17. Gross Electrical Energy Generated (MWH) | 0.00       | 3896534.00  | 97938731.00  |
| 18. Net Electrical Energy Generated (MWH)   | 0.00       | 3709576.00  | 93151027.00  |
| 19. Unit Service Factor                     | 0.00       | 99.30       | 81.10        |
| 20. Unit Availability Factor                | 0.00       | 99.30       | 81.10        |
| 21. Unit Capacity Factor (Using MDC Net)    | 0.00       | 90.70       | 77.10        |
| 22. Unit Capacity Factor (Using DER Net)    | 0.00       | 88.70       | 75.60        |
| 23. Unit Forced Outage Rate                 | 0.00       | 0.00        | 4.37         |

24. Shutdowns scheduled over next 6 months (Type, Date, and Duration of Each): 1999 Refueling Outage scheduled to begin on October 29, 1999 and end on December 3, 1999.
25. If shut down at end of report period, estimated date of startup: 991203
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 991210  
 COMPLETED BY G.A. WALLIN  
 TELEPHONE (802)258-5414

MONTH November

| DAY | AVERAGE DAILY POWER LEVEL<br>(MWe-Net) | DAY | AVERAGE DAILY POWER LEVEL<br>(MWe-Net) |
|-----|--|-----|--|
| 1.  | 0                                      | 17. | 0                                      |
| 2.  | 0                                      | 18. | 0                                      |
| 3.  | 0                                      | 19. | 0                                      |
| 4.  | 0                                      | 20. | 0                                      |
| 5.  | 0                                      | 21. | 0                                      |
| 6.  | 0                                      | 22. | 0                                      |
| 7.  | 0                                      | 23. | 0                                      |
| 8.  | 0                                      | 24. | 0                                      |
| 9.  | 0                                      | 25. | 0                                      |
| 10. | 0                                      | 26. | 0                                      |
| 11. | 0                                      | 27. | 0                                      |
| 12. | 0                                      | 28. | 0                                      |
| 13. | 0                                      | 29. | 0                                      |
| 14. | 0                                      | 30. | 0                                      |
| 15. | 0                                      | 31. | ---                                    |
| 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  
 Page 1 of 1  
 RT No. 13.F01.18V

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH NOVEMBER

DOCKET NO 50-271  
 UNIT NAME Vermont Yankee  
 DATE 991210  
 COMPLETED BY G.A. Wallin  
 TELEPHONE (802)258-5414

| No.             | Date   | 1<br>Type | Duration<br>(hours) | 2<br>Reason | 3<br>Method of<br>Shutting<br>Down<br>Reactor | License<br>Event<br>Report # | 4<br>System<br>Code | 5<br>Component<br>Code | Cause and Corrective<br>Action to Prevent<br>Recurrence |
|-----------------|--------|-----------|---------------------|-------------|---|------------------------------|---------------------|------------------------|---|
| 99-10<br>(Cont) | 991130 | S         | 720.00              | B,C         | 1   | N/A                          | N/A                 | N/A                    | Shutdown for 1999 Refueling/<br>Maintenance outage      |

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 991210  
COMPLETED BY G.A. WALLIN  
TELEPHONE (802) 258-5414

REPORT MONTH November

SUMMARY OF OPERATING EXPERIENCES

Highlights

Vermont Yankee operated at 00.0% of rated thermal power for the month. Gross electrical generation was 000,000 MWHe or 00.0% 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.

There were no items of interest to report for this month.

At the end of the reporting period the plant was operating at 00.0% of rated thermal power.

VYDPF 0411.04 (Sample)  
DP 0411 Rev. 7  
Page 1 of 1  
RT No. 13.F01.18X