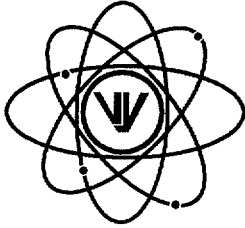


**VERMONT YANKEE
NUCLEAR POWER CORPORATION**



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

November 10, 1999
BVY-99-142

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 October, 1999.

Sincerely,

VERMONT YANKEE NUCLEAR POWER CORPORATION

A handwritten signature in cursive script, appearing to read 'Michael A. Balduzzi'. The signature is written in black ink and is positioned above the printed name.

Michael A. Balduzzi
Plant Manager

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

IE24

VERMONT YANKEE NUCLEAR POWER STATION

MONTHLY STATISTICAL REPORT 99-10

FOR THE MONTH OF OCTOBER 1999

OPERATING DATA REPORT

DOCKET NO. 50-271

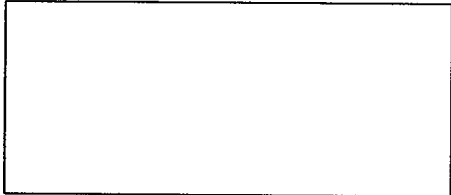
DATE 991110

COMPLETED BY G.A. WALLIN

TELEPHONE (802) 258-5414

OPERATING STATUS

1. Unit Name: Vermont Yankee
2. Reporting Period: October
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	745.00	7296.00	235200.00
12. Number Of Hours Reactor was Critical	688.58	7239.58	197440.74
13. Reactor Reserve Shutdown Hours	0.00	0.00	0.00
14. Hours Generator On-Line	684.25	7235.00	193959.00
15. Unit Reserve Shutdown Hours	0.00	0.00	0.00
16. Gross Thermal Energy Generated(MWH)	1055562.95	11422878.90	292502540.30
17. Gross Electrical Energy Generated(MWH)	365130.00	3896534.00	97938731.00
18. Net Electrical Energy Generated(MWH)	346266.00	3709576.00	93151027.00
19. Unit Service Factor	91.80	99.20	81.40
20. Unit Availability Factor	91.80	99.20	81.40
21. Unit Capacity Factor(Using MDC Net)	91.10	99.70	77.40
22. Unit Capacity Factor(Using DER Net)	89.00	97.40	75.80
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 November 30, 1999.
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 991110
 COMPLETED BY G.A. WALLIN
 TELEPHONE (802)258-5414

MONTH October

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1.	<u>521</u>	17.	<u>507</u>
2.	<u>520</u>	18.	<u>500</u>
3.	<u>519</u>	19.	<u>503</u>
4.	<u>512</u>	20.	<u>507</u>
5.	<u>514</u>	21.	<u>508</u>
6.	<u>514</u>	22.	<u>502</u>
7.	<u>512</u>	23.	<u>504</u>
8.	<u>511</u>	24.	<u>506</u>
9.	<u>510</u>	25.	<u>505</u>
10.	<u>509</u>	26.	<u>503</u>
11.	<u>507</u>	27.	<u>502</u>
12.	<u>504</u>	28.	<u>499</u>
13.	<u>508</u>	29.	<u>522</u>
14.	<u>508</u>	30.	<u>0</u>
15.	<u>510</u>	*31.	<u>0</u>
16.	<u>509</u>		

*25 hour day

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.

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH OCTOBER

DOCKET NO 50-271
 UNIT NAME Vermont Yankee
 DATE 991110
 COMPLETED BY G.A. Wallin
 TELEPHONE (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
99-10	991029	S	56.42	B,C	1	N/A	RB	CONROD	Shutdown for 1999 Refueling/ 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 991110
COMPLETED BY G.A. WALLIN
TELEPHONE (802)258-5414

REPORT MONTH October

SUMMARY OF OPERATING EXPERIENCES

Highlights

Vermont Yankee operated at 88.9% of rated thermal power for the month. Gross electrical generation was 365,130 MWh or 89.8% 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.

991029 At 0700 hours, a reactor shutdown was initiated for the 1999 Refueling/Maintenance outage. (See Unit Shutdowns and Power Reductions)

991029 At 1215 hours, the turbine-generator was removed from the grid.

991029 At 1635 hours, the reactor was sub-critical.

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
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RT No. 13.F01.18X