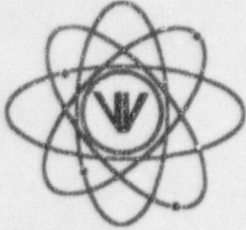


**VERMONT YANKEE
NUCLEAR POWER CORPORATION**



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

October 10, 1998
BVY-98-149

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 September, 1998.

Sincerely,

VERMONT YANKEE NUCLEAR POWER CORPORATION

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

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VERMONT YANKEE NUCLEAR POWER STATION

MONTHLY STATISTICAL REPORT 98-09

FOR THE MONTH OF SEPTEMBER 1998

OPERATING DATA REPORT

DOCKET NO. 50-271

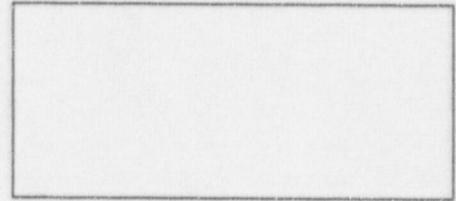
DATE 981010

COMPLETED BY G.A. WALLIN

TELEPHONE (802)258-5414

OPERATING STATUS

1. Unit Name: Vermont Yankee
2. Reporting Period: September
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	6551.00	225695.00
12. Number Of Hours Reactor was Critical	720.00	4714.00	188093.98
13. Reactor Reserve Shutdown Hours	0.00	0.00	0.00
14. Hours Generator On-Line	720.00	4621.00	184654.00
15. Unit Reserve Shutdown Hours	0.00	0.00	0.00
16. Gross Thermal Energy Generated(MWH)	1142879.25	7058819.10	277832723.00
17. Gross Electrical Energy Generated(MWH)	387992.00	2402229.00	92926013.00
18. Net Electrical Energy Generated(MWH)	366359.00	2287997.00	88370752.00
19. Unit Service Factor	100.00	70.50	80.70
20. Unit Availability Factor	100.00	70.50	80.70
21. Unit Capacity Factor(Using MDC Net)	99.80	68.50	76.50
22. Unit Capacity Factor(Using DER Net)	97.50	66.90	75.00
23. Unit Forced Outage Rate	0.00	2.60	4.51

24. Shutdowns scheduled over next 6 months (Type, Date, and Duration of Each): _____

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 981010

COMPLETED BY G.A. WALLIN

TELEPHONE (802)258-5414

MONTH September

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1.	508	17.	515
2.	510	18.	514
3.	510	19.	513
4.	508	20.	508
5.	508	21.	505
6.	503	22.	507
7.	504	23.	514
8.	509	24.	514
9.	513	25.	509
10.	513	26.	511
11.	512	27.	508
12.	513	28.	512
13.	512	29.	503
14.	508	30.	489
15.	502	31.	---
16.	510		

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 SEPTEMBER

DOCKET NO 50-271
 UNIT NAME Vermont Yankee
 DATE 981010
 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
(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 License
 Event Report (LER) File
 (NUREG 0161)

5 Exhibit I - Same Source

DOCKET NO. 50-271
DATE 981010
COMPLETED BY G.A. WALLIN
TELEPHONE (802)258-5414

REPORT MONTH September

SUMMARY OF OPERATING EXPERIENCES

Highlights

Vermont Yankee operated at 99.6% of rated thermal power for the month. Gross electrical generation was 387,992 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 99.8% 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 95.3% of rated thermal power.

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