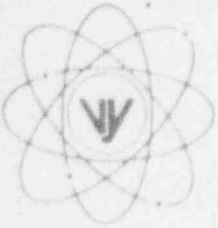


VERMONT YANKEE NUCLEAR POWER CORPORATION



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

June 10, 1994
VY-RCE-94-014
BVY 94-61

U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Attn: Document Control Desk

Reference: a) License No. DPR-28 (Docket No. 50-271)

Dear Sir:

Submitted herewith is the Monthly Statistical Report for the Vermont
Yankee Nuclear Power Station for the month of May, 1994.

Very truly yours,

Vermont Yankee Nuclear Power Corp.

Donald A. Reid
Vice President, Operations

cc: USNRC, Region I
USNRC Resident Inspector, VYNPS

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VERMONT YANKEE NUCLEAR POWER STATION

MONTHLY STATISTICAL REPORT 94-05

FOR THE MONTH OF MAY 1994

OPERATING DATA REPORT

DOCKET NO. 50-271
 DATE 940610
 COMPLETED BY G.A. WALLIN
 TELEPHONE (802)257-7711

OPERATING STATUS

1. Unit Name: Vermont Yankee

2. Reporting Period: May

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

	This Month	Yr-to-Date	Cumulative
11. Hours in Reporting Period	<u>744.00</u>	<u>3623.00</u>	<u>188447.00</u>
12. Number Of Hours Reactor was Critical	<u>744.00</u>	<u>3582.12</u>	<u>154799.53</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>3566.17</u>	<u>151681.79</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>1182788.95</u>	<u>5638286.95</u>	<u>226343958.45</u>
17. Gross Electrical Energy Generated	<u>399978.00</u>	<u>1909096.00</u>	<u>75428478.00</u>
18. Net Electrical Energy Generated (MWH)	<u>383561.00</u>	<u>1834618.00</u>	<u>71681642.00</u>
19. Unit Service Factor	<u>100.00</u>	<u>98.43</u>	<u>79.77</u>
20. Unit Availability Factor	<u>100.00</u>	<u>98.43</u>	<u>79.77</u>
21. Unit Capacity Factor (Using MDC Net)	<u>102.29</u>	<u>100.47</u>	<u>74.80</u>
22. Unit Capacity Factor (Using DER Net)	<u>100.30</u>	<u>98.52</u>	<u>73.34</u>
23. Unit Forced Outage Rate	<u>0.00</u>	<u>1.57</u>	<u>5.10</u>
24. Shutdowns scheduled over next 6 months (Type, Date, and Duration of Each):	<u>N/A</u>		

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 940610
 COMPLETED BY G.A. WALLIN
 TELEPHONE (802)257-7711

MONTH May

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1.	<u>518</u>	17.	<u>499</u>
2.	<u>518</u>	18.	<u>516</u>
3.	<u>518</u>	19.	<u>517</u>
4.	<u>518</u>	20.	<u>516</u>
5.	<u>518</u>	21.	<u>517</u>
6.	<u>518</u>	22.	<u>515</u>
7.	<u>518</u>	23.	<u>515</u>
8.	<u>517</u>	24.	<u>514</u>
9.	<u>517</u>	25.	<u>514</u>
10.	<u>517</u>	26.	<u>514</u>
11.	<u>514</u>	27.	<u>515</u>
12.	<u>513</u>	28.	<u>514</u>
13.	<u>517</u>	29.	<u>515</u>
14.	<u>516</u>	30.	<u>514</u>
15.	<u>517</u>	31.	<u>516</u>
16.	<u>517</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.

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH MAY

DOCKET NO 50-271
 UNIT NAME Vermont Yankee
 DATE 940610
 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 #	4 System Code	5 Component Code	Cause and Corrective Action to Prevent Recurrence
94-05	940517	S	0.00	B.H*	4 Power Reduction	N/A	RB	CONROD	MSIV testing and a Rod Pattern Exchange

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) - Rod Pattern Exchange

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

REPORT MONTH May

SUMMARY OF OPERATING EXPERIENCES

Highlights

Vermont Yankee operated at 99.8% of rated thermal power for the month. Gross electrical generation was 399,978 MWh 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 99.8% of rated thermal power.

- 940516 At 0000 hours, began operation of Circulation water system governed by the NPDES permit, which is based upon river flow and temperature considerations.
- 940517 At 0125 hours, initiated a power reduction to 69% for MSIV testing.
- 940517 At 0158 hours, and 69% power, initiated MSIV testing. (See Unit Shutdowns and Power Reductions)
- 940517 At 0208 hours, completed MSIV testing. Increasing power to 75% for a rod pattern exchange.
- 940517 At 0220 hours, and 75% power, initiated a rod pattern exchange. (See Unit Shutdowns and Power Reductions)
- 940517 At 0305 hours, completed the rod pattern exchange.
- 940517 At 0338 hours, began a return to full power.

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