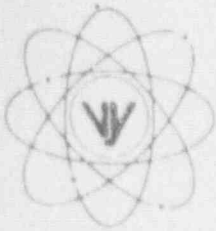


# VERMONT YANKEE NUCLEAR POWER CORPORATION



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

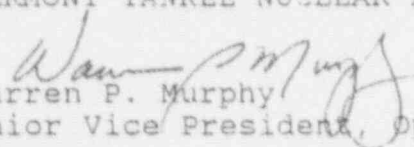
June 10, 1992  
VY-RCE-92-026  
BVY 92-070

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 May, 1992.

Very truly yours,  
VERMONT YANKEE NUCLEAR POWER CORP.

  
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 92-05  
FOR THE MONTH OF MAY, 1992

OPERATING DATA REPORT

DOCKET NO. 50-271  
 DATE 920610  
 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(cc) 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	744.00	3647.00	170927.00
12. Number Of Hours Reactor was Critical	744.00	2605.79	139059.35
13. Reactor Reserve Shutdown Hours	0.00	0.00	0.00
14. Hours Generator On-Line	744.00	2544.43	136117.64
15. Unit Reserve Shutdown Hours	0.00	0.00	0.00
16. Gross Thermal Energy Generated(MWH)	1184250.50	3813823.00	202076361.00
17. Gross Electrical Energy Generated	397934.00	1272748.00	67333116.00
18. Net Electrical Energy Generated(MWH)	380001.00	1217576.00	63957859.00
19. Unit Service Factor	100.00	69.77	78.85
20. Unit Availability Factor	100.00	69.77	78.85
21. Unit Capacity Factor(Using MDC Net)	101.34	66.24	73.51
22. Unit Capacity Factor(Using DER Net)	99.37	64.95	72.08
23. Unit Forced Outage Rate	0.00	0.51	5.38
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 920610  
 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>517</u>	17.	<u>513</u>
2.	<u>517</u>	18.	<u>511</u>
3.	<u>515</u>	19.	<u>510</u>
4.	<u>516</u>	20.	<u>511</u>
5.	<u>516</u>	21.	<u>510</u>
6.	<u>516</u>	22.	<u>506</u>
7.	<u>515</u>	23.	<u>501</u>
8.	<u>516</u>	24.	<u>503</u>
9.	<u>517</u>	25.	<u>502</u>
10.	<u>516</u>	26.	<u>504</u>
11.	<u>516</u>	27.	<u>501</u>
12.	<u>516</u>	28.	<u>504</u>
13.	<u>515</u>	29.	<u>502</u>
14.	<u>513</u>	30.	<u>504</u>
15.	<u>511</u>	31.	<u>503</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.

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH MAY

DOCKET NO 50-271  
 UNIT NAME Vermont Yankee  
 DATE 923610  
 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
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 920610  
COMPLETED BY G.A. WALLIN  
TELEPHONE (802)257-7711

REPORT MONTH MAY

SUMMARY OF OPERATING EXPERIENCES

Highlights

Vermont Yankee operated at 99.9% of rated thermal power for the month. Gross electrical generation was 397,934 MWh or 99.0% 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 99.9% of rated thermal power.

920516 At 0001 hours, began operation of Circulation water system governed by NPDES permit which is based upon river flow and temperature considerations.

At the end of the reporting period the plant was operating at 99.8% of rated thermal power.

VYDPF 0411.04  
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