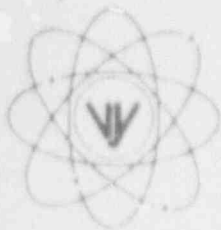


# VERMONT YANKEE NUCLEAR POWER CORPORATION



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

May 8, 1992  
VY-RCE-92-020  
BVY 92-053

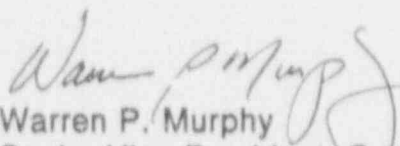
U.S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
Washington, DC 20555

Dear Sir:

Submitted herewith is the Monthly Statistical Report for the Vermont Yankee Nuclear Power Station for the month of April, 1992.

Very truly yours,

Vermont Yankee Nuclear Power Corporation

  
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 92-04  
FOR THE MONTH OF APRIL, 1992

OPERATING DATA REPORT

DOCKET NO. 50-271  
 DATE 920510  
 COMPLETED BY G.A. WALLIN  
 TELEPHONE (802)257-7711

OPERATING STATUS

1. Unit Name: Vermont Yankee

2. Reporting Period: April

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

NOTES:

	This Month	Yr-to-Date	Cumulative
11. Hours in Reporting Period	719.00	2903.00	170183.00
12. Number Of Hours Reactor was Critical	282.02	1861.79	138315.35
13. Reactor Reserve Shutdown Hours	0.00	0.00	0.00
14. Hours Generator On-Line	235.57	1800.43	135373.64
15. Unit Reserve Shutdown Hours	0.00	0.00	0.00
16. Gross Thermal Energy Generated(MWH)	315754.00	2629572.50	200892110.50
17. Gross Electrical Energy Generated	101295.00	874814.00	66935182.00
18. Net Electrical Energy Generated(MWH)	97059.00	837575.00	63577858.00
19. Unit Service Factor	32.76	62.02	78.76
20. Unit Availability Factor	32.76	62.02	78.76
21. Unit Capacity Factor(Using MDC Net)	26.78	57.25	73.39
22. Unit Capacity Factor(Using DER Net)	26.26	56.13	71.96
23. Unit Forced Outage Rate	0.00	0.73	5.41
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 920510  
 COMPLETED BY G.A. WALLIN  
 TELEPHONE (802)257-7711

MONTH April

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1.	0	17.	0
2.	0	18.	0
3.	0	19.	0
4.	0	20.	0
*5.	0	21.	78
6.	0	22.	204
7.	0	23.	317
8.	0	24.	396
9.	0	25.	463
10.	0	26.	516
11.	0	27.	517
12.	0	28.	517
13.	0	29.	518
14.	0	30.	517
15.	0	31.	---
16.	0		*23 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 APRIL

DOCKET NO 50-271  
 UNIT NAME Vermont Yankee  
 DATE 920510  
 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
92-03 (Cont)	920401	S	481.55	C,B	1,3	N/A	N/A	N/A	Shutdown for 1992 Refueling/Maintenance outage.
92-04	9204xx	S	1.88	B	N/A	N/A	N/A	N/A	Turbine overspeed testing.

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 920510  
COMPLETED BY G.A. WALLIN  
TELEPHONE (802)257-7711

REPORT MONTH APRIL

SUMMARY OF OPERATING EXPERIENCES

Highlights

Vermont Yankee operated at 27.6% of rated thermal power for the month. Gross electrical generation was 101,295 MWh or 26.1% 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.

920419 At 0559 hours, the reactor was critical.

920420 At 0233 hours, the turbine-generator was phased to the grid.

920420 At 0815 hours, the turbine-generator was removed from the grid for testing. (see Unit Shutdowns and Power Reductions)

920420 At 1008 hours, the turbine-generator was phased to the grid following testing and a return to full power was initiated.

At the end of the reporting period the plant was operating at 27.8% of rated thermal power.

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RT No. 13.F01.18X