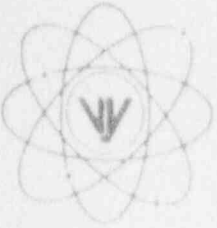


VERMONT YANKEE NUCLEAR POWER CORPORATION



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

May 10, 1994
VY-RCE-94-012
BYV 94-50

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 April, 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 94-04

FOR THE MONTH OF APRIL 1994

OPERATING DATA REPORT

DOCKET NO. 50-271
 DATE 940510
 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

	This Month	Yr-to-Date	Cumulative
11. Hours in Reporting Period	<u>719.00</u>	<u>2879.00</u>	<u>187703.00</u>
12. Number Of Hours Reactor was Critical	<u>678.12</u>	<u>2838.12</u>	<u>154055.53</u>
13. Reactor Reserve Shutdown Hours	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>
14. Hours Generator On-Line	<u>667.82</u>	<u>2822.17</u>	<u>150937.79</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>1055857.00</u>	<u>4455498.00</u>	<u>225161169.50</u>
17. Gross Electrical Energy Generated	<u>357363.00</u>	<u>1509118.00</u>	<u>75028500.00</u>
18. Net Electrical Energy Generated(MWH)	<u>343697.00</u>	<u>1451057.00</u>	<u>71298081.00</u>
19. Unit Service Factor	<u>92.88</u>	<u>98.03</u>	<u>79.69</u>
20. Unit Availability Factor	<u>92.88</u>	<u>98.03</u>	<u>79.69</u>
21. Unit Capacity Factor(Using MDC Net)	<u>94.85</u>	<u>100.00</u>	<u>74.69</u>
22. Unit Capacity Factor(Using DER Net)	<u>93.00</u>	<u>98.06</u>	<u>73.23</u>
23. Unit Forced Outage Rate	<u>7.12</u>	<u>1.97</u>	<u>5.12</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 940510
 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.	<u>519</u>	17.	<u>520</u>
2.	<u>519</u>	18.	<u>520</u>
*3.	<u>496</u>	19.	<u>520</u>
4.	<u>518</u>	20.	<u>520</u>
5.	<u>518</u>	21.	<u>520</u>
6.	<u>517</u>	22.	<u>520</u>
7.	<u>517</u>	23.	<u>520</u>
8.	<u>518</u>	24.	<u>519</u>
9.	<u>518</u>	25.	<u>520</u>
10.	<u>29</u>	26.	<u>519</u>
11.	<u>0</u>	27.	<u>520</u>
12.	<u>308</u>	28.	<u>519</u>
13.	<u>516</u>	29.	<u>518</u>
14.	<u>518</u>	30.	<u>519</u>
15.	<u>520</u>	31.	<u>---</u>
16.	<u>520</u>		

*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 940510

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
94-04	940410	F	51.18	A	3	94-04	HA	VALVEX	"C" moisture separator high level. Turbine tripped and a reactor scram. Replaced a faulty level controller.

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 940510
COMPLETED BY G.A. WALLIN
TELEPHONE (802)257-7711

REPORT MONTH April

SUMMARY OF OPERATING EXPERIENCES

Highlights

Vermont Yankee operated at 92.2% of rated thermal power for the month. Gross electrical generation was 357,363 MWh or 92.0% 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.

940410 At 0122 hours, turbine tripped and reactor scrammed, caused by a high level signal in the "C" moisture separator. (See Unit Shutdowns and Power Reductions)

940411 At 1815 hours, the reactor was critical following repairs.

940412 At 0433 hours, the turbine-generator was phased to the grid, and a return to full power was initiated.

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