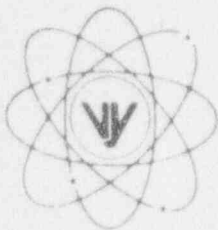


VERMONT YANKEE NUCLEAR POWER CORPORATION



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

April 10, 1994
VY-RCE-94-009
BVY 94-39

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 March, 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 94-03

FOR THE MONTH OF MARCH 1994

OPERATING DATA REPORT

DOCKET NO. 50-271
 DATE 940410
 COMPLETED BY G.A. WALLIN
 TELEPHONE (802)257-7711

OPERATING STATUS

1. Unit Name: Vermont Yankee

2. Reporting Period: March

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	744.00	2160.00	186984.00
12. Number Of Hours Reactor was Critical	744.00	2160.00	153377.41
13. Reactor Reserve Shutdown Hours	0.00	0.00	0.00
14. Hours Generator On-Line	744.00	2154.35	150269.97
15. Unit Reserve Shutdown Hours	0.00	0.00	0.00
16. Gross Thermal Energy Generated (MWH)	1167695.00	3399641.00	224105312.50
17. Gross Electrical Energy Generated	395437.00	1151755.00	74671137.00
18. Net Electrical Energy Generated (MWH)	380313.00	1107360.00	70954384.00
19. Unit Service Factor	100.00	99.74	79.64
20. Unit Availability Factor	100.00	99.74	79.64
21. Unit Capacity Factor (Using MDC Net)	101.42	101.72	74.61
22. Unit Capacity Factor (Using DER Net)	99.45	99.74	73.16
23. Unit Forced Outage Rate	1.51	0.79	5.12
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 940410
 COMPLETED BY G.A. WALLIN
 TELEPHONE (802)257-7711

MONTH March

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1.	<u>519</u>	17.	<u>494</u>
2.	<u>519</u>	18.	<u>490</u>
3.	<u>519</u>	19.	<u>519</u>
4.	<u>520</u>	20.	<u>520</u>
5.	<u>519</u>	21.	<u>519</u>
6.	<u>519</u>	22.	<u>519</u>
7.	<u>519</u>	23.	<u>519</u>
8.	<u>519</u>	24.	<u>519</u>
9.	<u>519</u>	25.	<u>520</u>
10.	<u>519</u>	26.	<u>520</u>
11.	<u>519</u>	27.	<u>519</u>
12.	<u>519</u>	28.	<u>519</u>
13.	<u>519</u>	29.	<u>519</u>
14.	<u>519</u>	30.	<u>519</u>
15.	<u>333</u>	31.	<u>519</u>
16.	<u>514</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 MARCH

DOCKET NO 50-271

UNIT NAME Vermont Yankee

DATE 940410

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
94-03	940315	S	0.00	B,H*	4 Power Reduction	N/A	RB	CONROD	Surveillance testing and a Rod Pattern Exchange
94-03	940315	F	11.42	A	4 Power Reduction	N/A	CD	VALVOP	MSIV-80B closure timing out of specification. Speed adjustment made to correct deficient time

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) - Control 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 March

SUMMARY OF OPERATING EXPERIENCES

Highlights

Vermont Yankee operated at 99.5% of rated thermal power for the month. Gross electrical generation was 395,437 MWh or 98.4% 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.

- 940315 At 0405 hours, initiated a power reduction to minimum recirculation flow to perform surveillance testing, and a rod pattern exchange.
- 940315 At 0430 hours, initiated turbine bypass valve testing. (See Unit Shutdowns and Power Reductions)
- 940315 At 0533 hours, completed turbine bypass valve testing.
- 940315 At 0601 hours, at minimum recirculation flow, initiated MSIV testing. MSIV-80B closure time was not within specification. (See Unit Shutdowns and Power Reductions)
- 940315 At 0620 hours, initiated a rod pattern exchange. (See Unit Shutdowns and Power Reductions)
- 940315 At 0715 hours, completed the rod pattern exchange.
- 940315 At 1448 hours, and 40% power, initiated a drywell entry to perform a speed adjustment on MSIV-80B.
- 940315 At 1840 hours, completed speed adjustment to MSIV-80B.
- 940315 At 1858 hours, completed MSIV testing and began a return to full power.

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