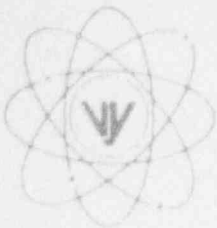


VERMONT YANKEE NUCLEAR POWER CORPORATION



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

March 10, 1994
VY-RCE-94-006
BVY 94-31

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 February, 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 94-02

FOR THE MONTH OF FEBRUARY 1994

OPERATING DATA REPORT

DOCKET NO. 50-271

DATE 940310

COMPLETED BY G.A. WALLIN

TELEPHONE (802)257-7711

OPERATING STATUS

1. Unit Name: Vermont Yankee

2. Reporting Period: February

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	672.00	1416.00	186240.00
12. Number Of Hours Reactor was Critical	672.00	1416.00	152633.41
13. Reactor Reserve Shutdown Hours	0.00	0.00	0.00
14. Hours Generator On-Line	666.35	1410.35	149325.97
15. Unit Reserve Shutdown Hours	0.00	0.00	0.00
16. Gross Thermal Energy Generated(MWH)	1049956.00	2231946.00	222937617.50
17. Gross Electrical Energy Generated	355149.00	756318.00	74275700.00
18. Net Electrical Energy Generated(MWH)	341377.00	727047.00	70574071.00
19. Unit Service Factor	99.16	99.60	79.56
20. Unit Availability Factor	99.16	99.60	79.56
21. Unit Capacity Factor(Using MDC Net)	100.79	101.38	74.50
22. Unit Capacity Factor(Using DER Net)	98.83	99.89	73.06
23. Unit Forced Outage Rate	0.84	0.40	5.13
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 940310
COMPLETED BY G.A. WALLIN
TELEPHONE (802) 257-7711

MONTH February

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1.	519	17.	519
2.	519	18.	519
3.	519	19.	519
4.	519	20.	519
5.	520	21.	519
6.	519	22.	521
7.	520	23.	519
8.	519	24.	519
9.	211	25.	519
10.	512	26.	519
11.	519	27.	519
12.	520	28.	519
13.	519	29.	---
14.	519	30.	---
15.	519	31.	---
16.	519		

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.

VYDPF 0411.02
DP 0411 Rev. 5
Page 1 of 1
RT No. 13.F01.18V

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH FEBRUARY

DOCKET NO 50-271

UNIT NAME Vermont Yankee

DATE 940310

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
94-02	940209	F	5.65	B	4 Power Reduction	N/A	EB	ELECON	During a routine inspection, discovered neutral ground on the main generator disconnected. Generator was taken off-line to make the connection.

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 940310
COMPLETED BY G.A. WALLIN
TELEPHONE (802)257-7711

REPORT MONTH February

SUMMARY OF OPERATING EXPERIENCES

Highlights

Vermont Yankee operated at 98.1% of rated thermal power for the month. Gross electrical generation was 355,149 MWh or 97.9% 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.

- 940209 At 0200 hours, initiated a power reduction so a neutral ground connection could be established on the main generator. (See Shutdowns and Power Reductions)
- 940209 At 0919 hours, and 25% power, the turbine-generator was removed from the grid.
- 940209 At 1300 hours, completed connection of the neutral ground to the main generator.
- 940209 At 1458 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.