VERMONT YANKEE
NUCLEAR POWER STATION

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

April 10, 2001
BVY-01-29

United States Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, D.C. 20555

Reference: (a) License No. DPR-28 (Docket No. 50-271)

In accordance with section 6.6.B of the Vermont Yankee Technical Specifications, submitted herewith is the Monthly Statistical Report for the Vermont Yankee Nuclear Power Station for the month of March, 2001.

Sincerely,

VERMONT YANKEE NUCLEAR POWER STATION

Kevin H. Bronson

Kevin H. Bronson
Plant Manager

cc: USNRC Region I Administrator
USNRC Resident Inspector - VYNPS
USNRC Project Manager – VYNPS

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VERMONT YANKEE NUCLEAR POWER STATION

MONTHLY STATISTICAL REPORT 01-03

FOR THE MONTH OF MARCH 2001

OPERATING DATA REPORT

DOCKET NO. 50-271
DATE 010410
COMPLETED BY G.A. WALLIN
TELEPHONE (802)258-5414

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): 522
6. Maximum Dependable Capacity(Gross MWe): 535
7. Maximum Dependable Capacity(Net MWe): 510
8. If changes, occur in capacity ratings(Items Number 3 through 7) since last report, give reasons:
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	247608.00
12. Number Of Hours Reactor was Critical	705.45	2121.45	209046.75
13. Reactor Reserve Shutdown Hours	0.00	0.00	0.00
14. Hours Generator On-Line	690.22	2106.22	205506.22
15. Unit Reserve Shutdown Hours	0.00	0.00	0.00
16. Gross Thermal Energy Generated(MWH)	1080499.90	3329360.10	310729067.40
17. Gross Electrical Energy Generated(MWH)	372129.00	1149742.00	104205943.00
18. Net Electrical Energy Generated(MWH)	357555.00	1104911.00	99153534.00
19. Unit Service Factor	92.80	97.50	83.20
20. Unit Availability Factor	92.80	97.50	83.20
21. Unit Capacity Factor(Using MDC Net)	94.20	100.30	79.50
22. Unit Capacity Factor(Using DER Net)	92.10	98.00	77.90
23. Unit Forced Outage Rate	7.18	2.47	4.20

24. Shutdowns scheduled over next 6 months(Type, Date, and Duration of Each: 2001 Refueling Outage scheduled to begin on April 27, 2001 and end on May 19, 2001.
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 010410
COMPLETED BY G.A. WALLIN
TELEPHONE (802)258-5414

MONTH March

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1.	529	17.	530
2.	529	18.	529
3.	529	19.	275
4.	529	20.	0
5.	529	21.	24
6.	529	22.	422
7.	529	23.	517
8.	528	24.	528
9.	528	25.	528
10.	451	26.	528
11.	529	27.	528
12.	529	28.	528
13.	529	29.	528
14.	529	30.	528
15.	529	31.	523
16.	528		

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 010410
COMPLETED BY G.A. Wallin
TELEPHONE (802)258-5414

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
01-03	010319	F	53.38	A	3	01-01	IA	INSTRU	Turbine trip and reactor scram due to faulty auxiliary contacts in a Reactor Protection system relay

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

VYDPF 0411.03
DP 0411 Rev. 7
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REPORT MONTH March

SUMMARY OF OPERATING EXPERIENCES

Highlights

Vermont Yankee operated at 91.1% of rated thermal power for the month. Gross electrical generation was 372,129 MWHe or 91.6% 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.

010310 At 1700 hours, reducing power to 73% to continue single rod scram testing and perform turbine bypass valve, MSIV testing and a rod pattern exchange. (See Unit Shutdowns and Power Reductions)
010310 At 1925 hours, continuing single rod scram testing.
010310 At 2028 hours, completed single rod scram testing.
010310 At 2035 hours, commenced turbine bypass valve testing.
010310 At 2045 hours, completed turbine bypass valve testing.
010310 At 2103 hours, commenced MSIV testing.
010310 At 2120 hours, completed MSIV testing.
010310 At 2135 hours, commenced the rod pattern exchange.
010310 At 2210 hours, completed the rod pattern exchange and began a return to full power.
010319 At 1230 hours, the turbine tripped and reactor scrammed due to faulty auxiliary contacts in a Reactor Protection system relay. (See Unit Shutdowns and Power Reductions)
010321 At 0239 hours, the reactor was critical.
010321 At 1753 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.