VERMONT YANKEE
NUCLEAR POWER STATION

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

February 9, 2001
BVY-01-07

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 January, 2001.

Sincerely,

VERMONT YANKEE NUCLEAR POWER STATION

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 01-01

FOR THE MONTH OF JANUARY 2001

OPERATING DATA REPORT

DOCKET NO. 50-271
DATE 010209
COMPLETED BY G.A. WALLIN
TELEPHONE (802)258-5414

OPERATING STATUS

1. Unit Name: Vermont Yankee
2. Reporting Period: January
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	744.00	246192.00
12. Number Of Hours Reactor was Critical	744.00	744.00	207669.30
13. Reactor Reserve Shutdown Hours	0.00	0.00	0.00
14. Hours Generator On-Line	744.00	744.00	204144.00
15. Unit Reserve Shutdown Hours	0.00	0.00	0.00
16. Gross Thermal Energy Generated(MWH)	1179565.95	1179565.95	308579273.30
17. Gross Electrical Energy Generated(MWH)	407821.00	407821.00	103464022.00
18. Net Electrical Energy Generated(MWH)	391996.00	391996.00	98440619.00
19. Unit Service Factor	100.00	100.00	81.90
20. Unit Availability Factor	100.00	100.00	81.90
21. Unit Capacity Factor(Using MDC Net)	103.33	103.33	78.10
22. Unit Capacity Factor(Using DER Net)	100.90	100.90	76.60
23. Unit Forced Outage Rate	0.00	0.56	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 010209
COMPLETED BY G.A. WALLIN
TELEPHONE (802)258-5414

MONTH January

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1.	529	17.	529
2.	529	18.	529
3.	529	19.	529
4.	529	20.	529
5.	529	21.	529
6.	500	22.	530
7.	529	23.	515
8.	529	24.	529
9.	529	25.	529
10.	529	26.	499
11.	530	27.	529
12.	529	28.	529
13.	529	29.	529
14.	529	30.	529
15.	529	31.	529
16.	529		

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 JANUARY

DOCKET NO 50-271
UNIT NAME Vermont Yankee
DATE 010209
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
01-01	010106	S	0.00	B,H*	4 Power Reduction	N/A	RB	CONROD	Main steam isolation and turbine bypass valve testing and a rod pattern exchange
01-02	010126	F	0.00	A	4 Power Reduction	N/A	RB	CONROD	AOG recombiner drain tank high level causing condenser vacuum degradation

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) - 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

DOCKET NO. 50-271
DATE 010209
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REPORT MONTH January

SUMMARY OF OPERATING EXPERIENCES

Highlights

Vermont Yankee operated at 99.5% of rated thermal power for the month. Gross electrical generation was 407,821 MWHe or 100.3% 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.

010106 At 0703 hours, reducing power to 68% to perform MSIV full closure, turbine bypass valve testing, and a rod pattern exchange. (See Unit Shutdowns and Power Reductions)
010106 At 0829 hours, completed MSIV full closure testing.
010106 At 0857 hours, completed turbine bypass valve testing.
010106 At 1004 hours, completed the rod pattern exchange.
010106 At 1030 hours, initiated a return to full power.
010126 At 0730 hours, reducing power to 72% due to AOG recombiner drain tank high level causing a condenser vacuum degradation. (See Unit Shutdowns and Power Reductions)
010126 At 1120 hours, initiated a return to full power following stabilization of the condenser vacuum.

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