

VERMONT YANKEE NUCLEAR POWER STATION

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

February 8, 2002
BVY-02-06


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, 2002.

Sincerely,

VERMONT YANKEE NUCLEAR POWER STATION


for Kevin H. Bronson
Plant Manager

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

IE24

VERMONT YANKEE NUCLEAR POWER STATION

MONTHLY STATISTICAL REPORT 02-01

FOR THE MONTH OF JANUARY 2002

OPERATING DATA REPORT

DOCKET NO. 50-271
DATE 020208
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	254952.00
12. Number Of Hours Reactor was Critical	744.00	744.00	215859.42
13. Reactor Reserve Shutdown Hours	0.00	0.00	0.00
14. Hours Generator On-Line	744.00	744.00	212290.44
15. Unit Reserve Shutdown Hours	0.00	0.00	0.00
16. Gross Thermal Energy Generated (MWH)	1180277.80	1180277.80	321370361.41
17. Gross Electrical Energy Generated (MWH)	407817.00	407817.00	107837406.00
18. Net Electrical Energy Generated (MWH)	392352.00	392352.00	102612095.00
19. Unit Service Factor	100.00	100.00	82.20
20. Unit Availability Factor	100.00	100.00	82.20
21. Unit Capacity Factor (Using MDC Net)	103.40	103.40	78.70
22. Unit Capacity Factor (Using DER Net)	101.00	101.00	77.10
23. Unit Forced Outage Rate	0.00	0.00	4.07
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

VYDPF 0411.01 (Sample)
DP 0411 Rev. 7
Page 1 of 1
RT No. 13.F01.19F

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-271

UNIT Vermont Yankee

DATE 020208

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.	527
6.	529	22.	530
7.	525	23.	530
8.	529	24.	530
9.	479	25.	530
10.	529	26.	530
11.	529	27.	530
12.	529	28.	527
13.	529	29.	530
14.	525	30.	530
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.

VYDPF 0411.02 (Sample)

DP 0411 Rev. 7

Page 1 of 1

RT No. 13.F01.18V

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH JANUARYDOCKET NO 50-271UNIT NAME Vermont YankeeDATE 020208COMPLETED BY G.A. WallinTELEPHONE (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
02-01	020109	S	0.00	H	4 Power Reduction	N/A	RB	CONROD	Rod pattern adjustment.

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 adjustment

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 020208
COMPLETED BY G.A. WALLIN
TELEPHONE (802)258-5414

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 407,817 MWh 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.

020109 At 0038 hours, reducing power to 79% to perform a rod pattern adjustment. (See Unit Shutdowns and Power Reductions)
020109 At 0109 hours, initiated rod pattern adjustment.
020109 At 0124 hours, completed rod pattern adjustment.
020109 At 0220 hours, initiated a return to full power.

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

VYDPF 0411.04 (Sample)
DP 0411 Rev. 7
Page 1 of 1
RT No. 13.F01.18X