

VERMONT YANKEE NUCLEAR POWER STATION

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(802) 257-7711

April 10, 2002
BVY-02-22

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, 2002.

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 02-03

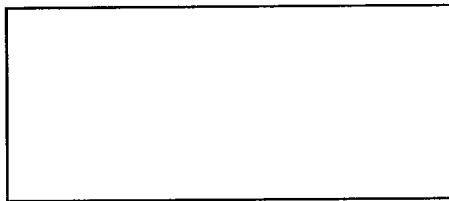
FOR THE MONTH OF MARCH 2002

OPERATING DATA REPORT

DOCKET NO. 50-271
DATE 020410
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	256368.00
12. Number Of Hours Reactor was Critical	744.00	2160.00	217275.42
13. Reactor Reserve Shutdown Hours	0.00	0.00	0.00
14. Hours Generator On-Line	744.00	2160.00	213706.44
15. Unit Reserve Shutdown Hours	0.00	0.00	0.00
16. Gross Thermal Energy Generated(MWH)	1064825.60	3281309.08	323471393.28
17. Gross Electrical Energy Generated(MWH)	364169.00	1128935.00	108558524.00
18. Net Electrical Energy Generated(MWH)	349713.00	1085370.00	103305113.00
19. Unit Service Factor	100.00	100.00	82.30
20. Unit Availability Factor	100.00	100.00	82.30
21. Unit Capacity Factor(Using MDC Net)	92.20	98.50	78.70
22. Unit Capacity Factor(Using DER Net)	90.00	96.30	77.10
23. Unit Forced Outage Rate	0.00	0.00	4.04
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 020410

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.	398	17.	528
2.	511	18.	525
3.	408	19.	527
4.	515	20.	527
5.	527	21.	517
6.	433	22.	478
7.	320	23.	477
8.	441	24.	477
9.	516	25.	455
10.	446	26.	475
11.	505	27.	356
12.	524	28.	305
13.	528	29.	345
14.	528	30.	450
15.	527	31.	474
16.	527		

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

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RT No. 13.F01.18V

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH MARCHDOCKET NO 50-271UNIT NAME Vermont YankeeDATE 020410COMPLETED 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
02-03	020301	S	0.00	B,H*	4 Power Reduction	N/A	RB	CONROD	Rod pattern exchange and turbine bypass valve testing
02-04	020303	S	0.00	H*	4 Power Reduction	N/A	RB	CONROD	Rod pattern adjustment
02-05	020306	S	0.00	B,H*	4 Power Reduction	N/A	RB	CONROD	Power suppression testing and a rod pattern adjustment
02-06	020310	S	0.00	H*	4 Power Reduction	N/A	RB	CONROD	Rod pattern adjustment
02-07	020327	S	0.00	B,H*	4 Power Reduction	N/A	RB	CONROD	Single rod scram and power suppression testing

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/adjustment/suppression testing/single rod scrams

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
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REPORT MONTH March

SUMMARY OF OPERATING EXPERIENCES

Highlights

Vermont Yankee operated at 89.8 of rated thermal power for the month. Gross electrical generation was 364,169 MWh or 89.6% 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 77.2% of rated thermal power.

020301 At 0000 hours, completed power suppression testing.
020301 At 0010 hours, initiated a rod pattern exchange.
020301 At 0225 hours, completed a rod pattern exchange.
020301 At 0230 hours, initiated turbine bypass valve testing.
020301 At 0250 hours, completed turbine bypass valve testing.
020301 At 0435 hours, initiated a return to full power.
020303 At 0035 hours, commenced a power reduction to 68% for a rod pattern adjustment. (See Unit Shutdowns and Power Reductions)
020303 At 0135 hours, initiated a rod pattern adjustment.
020303 At 0320 hours, completed a rod pattern adjustment.
020303 At 0322 hours, initiated a return to full power.
020306 At 1430 hours, commenced a power reduction to 59% for suppression testing and a rod pattern adjustment. (See Unit Shutdowns and Power Reductions)
020306 At 2100 hours, initiated power suppression testing.
020307 At 1045 hours, completed power suppression testing.
020307 At 1550 hours, initiated a rod pattern adjustment.
020307 At 1604 hours, completed a rod pattern adjustment.
020307 At 1610 hours, initiated a return to full power.
020310 At 0703 hours, commenced a power reduction to 67% for a rod pattern adjustment. (See Unit Shutdowns and Power Reductions)
020310 At 0855 hours, initiated a rod pattern adjustment.
020310 At 0914 hours, completed a rod pattern adjustment.
020310 At 1017 hours, initiated a return to full power.

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REPORT MONTH March

- 020327 At 0907 hours, commenced a power reduction to 51% for a single rod scram and power suppression testing. (See Unit Shutdowns and Power Reductions)
- 020327 At 1129 hours, initiated a single rod scram and power suppression testing.
- 020329 At 1535 hours, completed single rod scram and power suppression testing and initiated a return to full power.

At the end of the reporting period the plant was operating at 90.7% of rated thermal power.

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