



# VERMONT YANKEE NUCLEAR POWER CORPORATION

P. O. BOX 157  
GOVERNOR HUNT ROAD  
VERNON, VERMONT 05354

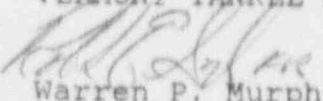
February 10, 1992  
VY-RCE-92-004

U.S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
Washington, D.C. 20555

Dear Sir:

Submitted herewith is the Monthly Statistical Report for the Vermont Yankee Nuclear Power Station for the month of January, 1992.

Very truly yours,  
VERMONT YANKEE NUCLEAR POWER CORP.

  
Warren P. Murphy  
Senior Vice President, Operations

- cc: 1) USNRC  
Region I  
475 Allendale Road  
King of Prussia, PA 19406
- 2) USNRC  
Resident Inspector, VYNPS

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VERMONT YANKEE NUCLEAR POWER STATION  
MONTHLY STATISTICAL REPORT 92-01  
FOR THE MONTH OF JANUARY, 1992

# OPERATING DATA REPORT

DOCKET NO. 50-271  
 DATE 920210  
 COMPLETED BY G.A. WALLIN  
 TELEPHONE (802)257-7711

## 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): 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 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	168024.00
12. Number Of Hours Reactor was Critical	744.00	744.00	137197.56
13. Reactor Reserve Shutdown Hours	0.00	0.00	0.00
14. Hours Generator On-Line	730.83	730.83	134304.04
15. Unit Reserve Shutdown Hours	0.00	0.00	0.00
16. Gross Thermal Energy Generated(MWH)	1127712.00	1127712.00	199390250.00
17. Gross Electrical Energy Generated	377845.00	377845.00	66438213.00
18. Net Electrical Energy Generated(MWH)	362270.00	362270.00	63102553.00
19. Unit Service Factor	98.23	98.23	79.13
20. Unit Availability Factor	98.23	98.23	79.13
21. Unit Capacity Factor(Using MDC Net)	96.61	96.61	73.77
22. Unit Capacity Factor(Using DER Net)	94.73	94.73	72.33
23. Unit Forced Outage Rate	1.77	1.77	5.45

24. Shutdowns scheduled over next 6 months(Type, Date, and Duration of Each: 1992 Refueling Outage scheduled to begin on March 7, 1992 and last for a six week period.

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

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 \_\_\_\_\_  
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RT No. 13.F01.19F

# AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-271  
UNIT Vermont Yankee  
DATE 920210  
COMPLETED BY G.A. WALLIN  
TELEPHONE (802)257-7711

MONTH January

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1.	<u>515</u>	17.	<u>423</u>
2.	<u>514</u>	18.	<u>507</u>
3.	<u>515</u>	19.	<u>508</u>
4.	<u>515</u>	20.	<u>505</u>
5.	<u>514</u>	21.	<u>503</u>
6.	<u>515</u>	22.	<u>500</u>
7.	<u>514</u>	23.	<u>501</u>
8.	<u>465</u>	24.	<u>500</u>
9.	<u>514</u>	25.	<u>496</u>
10.	<u>515</u>	26.	<u>495</u>
11.	<u>515</u>	27.	<u>493</u>
12.	<u>514</u>	28.	<u>492</u>
13.	<u>514</u>	29.	<u>491</u>
14.	<u>514</u>	30.	<u>488</u>
15.	<u>484</u>	31.	<u>485</u>
16.	<u>70</u>		

## 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.

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DP 0411 Rev. 4  
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RT N. 13.F01.18V

# UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH JANUARY

DOCKET NO 50-271

UNIT NAME Vermont Yankee

DATE 920210

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 #	System Code 4	Component Code 5	Cause and Corrective Action to Prevent Recurrence
92-01	920108	S	0.00	B	4 Power Reduction	N/A	EA	XXXXXX	381 line insulator repairs at Northfield station.
92-02	920115	F	13.17	B	4 Power Reduction	N/A	ZZ	XXXXXX	Steam Jet Air Ejector rupture diaphragm repair.

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 920210  
COMPLETED BY G.A. WALLIN  
TELEPHONE (802)257-7711

REPORT MONTH JANUARY

## SUMMARY OF OPERATING EXPERIENCES

### Highlights

Vermont Yankee operated at 95.2% of rated thermal power for the month. Gross electrical generation was 377,845 MWh or 94.0% 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.

- 920108 At 0630 hours, initiated a power reduction to 79% for 381 line insulator repairs at Northfield station.
- 920108 At 1632 hours, completed repairs to the 381 insulators at the Northfield station and initiated a return to full power.
- 920115 At 2006 hours, initiated a power reduction to 5% for Steam Jet air ejector rupture diaphragm repair.
- 920116 At 0358 hours, removed the turbine-generator from the grid.
- 920116 At 0730 hours, Steam Jet air ejector rupture diaphragm repaired.
- 920116 At 1708 hours, phased the turbine-generator to the grid and initiated a return to full power.

At the end of the reporting period the plant was operating at 94.8% of rated thermal power and coasting down to the end of the cycle.