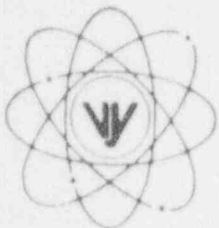


# VERMONT YANKEE NUCLEAR POWER CORPORATION



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

December 10, 1996  
BVY-96-154

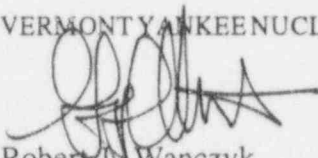
United States Nuclear Regulatory Commission  
ATTN: Document Control Desk  
Washington, D.C. 20555

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

In accordance with section 6.7.A.3 of the Vermont Yankee Technical Specifications, submitted herewith is the Monthly Statistical Report for the Vermont Yankee Nuclear Power Station for the month of November, 1996.

Sincerely,

VERMONT YANKEE NUCLEAR POWER CORPORATION

  
for Robert J. Wanczyk  
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 96-11**

**FOR THE MONTH OF NOVEMBER 1996**

# OPERATING DATA REPORT

DOCKET NO. 50-271

DATE 961210

COMPLETED BY G.A. WALLIN

TELEPHONE (802)258-5414

## OPERATING STATUS

1. Unit Name: Vermont Yankee

2. Reporting Period: November

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	720.00	8040.00	21034.00
12. Number Of Hours Reactor was Critical	720.00	6741.63	174.60
13. Reactor Reserve Shutdown Hours	0.00	0.00	0.00
14. Hours Generator On-Line	686.97	6678.27	170929.27
15. Unit Reserve Shutdown Hours	0.00	0.00	0.00
16. Gross Thermal Energy Generated(MWH)	1036174.95	10394467.75	256477227.00
17. Gross Electrical Energy Generated	353850.00	3561730.00	85647237.00
18. Net Electrical Energy Generated(MWH)	340210.00	3409957.00	81427056.00
19. Unit Service Factor	95.42	83.06	80.70
20. Unit Availability Factor	95.42	83.06	80.70
21. Unit Capacity Factor(Using MDC Net)	92.60	83.20	76.10
22. Unit Capacity Factor(Using DER Net)	90.50	81.20	74.60
23. Unit Forced Outage Rate	3.94	0.42	4.63
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

DP 0411 Rev. 6

Page 1 of 1

RT No. 13.F01.19F

# AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-271  
UNIT Vermont Yankee  
DATE 961210  
COMPLETED BY G.A. WALLIN  
TELEPHONE (802)258-5414

MONTH November

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1.	<u>2</u>	17.	<u>530</u>
2.	<u>79</u>	18.	<u>530</u>
3.	<u>98</u>	19.	<u>530</u>
4.	<u>265</u>	20.	<u>529</u>
5.	<u>497</u>	21.	<u>529</u>
6.	<u>529</u>	22.	<u>529</u>
7.	<u>527</u>	23.	<u>530</u>
8.	<u>529</u>	24.	<u>530</u>
9.	<u>530</u>	25.	<u>530</u>
10.	<u>530</u>	26.	<u>529</u>
11.	<u>529</u>	27.	<u>529</u>
12.	<u>529</u>	28.	<u>529</u>
13.	<u>528</u>	29.	<u>529</u>
14.	<u>529</u>	30.	<u>530</u>
15.	<u>530</u>	31.	<u>0</u>
16.	<u>530</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.

VYDPF 0411.02  
DP 0411 Rev. 6  
Page 1 of 1  
RT No. 13.F01.18V

## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH NOVEMBERDOCKET NO 50-271UNIT NAME Vermont YankeeDATE 961210COMPLETED 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
96-07 (Cont)	961101	S	3.18	C	1	N/A	N/A	N/A	Shutdown for 1996 Refueling/Maintenance outage
96-08	961101	F	24.92	A	N/A	N/A	N/A	VALVEX	Turbine trip due to "A" Moisture Separator high level signal
96-09	961102	S	1.65	B	N/A	N/A	N/A	N/A	Turbine overspeed testing and balancing
96-10	961103	F	3.28	A	N/A	N/A	IF	INSTRU	Turbine trip due to loss of condenser vacuum; caused by atmospheric drain tank level control system problem

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 961210  
COMPLETED BY G.A. WALLIN  
TELEPHONE (802)258-5414

REPORT MONTH November

SUMMARY OF OPERATING EXPERIENCES

Highlights

Vermont Yankee operated at 90.3% of rated thermal power for the month. Gross electrical generation was 353,850 MWh or 90.0% 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 15.7% of rated thermal power.

- 961101 At 0311 hours, the turbine-generator was phased to the grid, and a return to full power was initiated.
- 961101 At 0405 hours, the turbine tripped due to "A" moisture separator high level signal. (See Unit Shutdowns and Power Reductions)
- 961102 At 0500 hours, the turbine-generator was phased to the grid.
- 961102 At 0856 hours, the turbine-generator was removed from the grid for testing. (See Unit Shutdowns and Power Reductions)
- 961102 At 1035 hours, the turbine-generator was phased to the grid following testing.
- 961103 At 1711 hours, the turbine tripped due to loss of condenser vacuum, which was caused by atmospheric drain tank level control system problems. (See Unit shutdowns and Power Reductions)
- 961103 At 2028 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.