

VERMONT YANKEE NUCLEAR POWER STATION

MONTHLY STATISTICAL REPORT 84-06

FOR THE MONTH OF JUNE, 1984

8407230058 840630  
PDR ADOCK 05000271  
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# OPERATING DATA REPORT

DOCKET NO. 50-271  
DATE 840710  
COMPLETED BY FJ Burger  
TELEPHONE (802) 257-7711

## OPERATING STATUS

1. Unit Name: Vermont Yankee
2. Reporting Period: June
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

Notes

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	<u>720.00</u>	<u>4367.00</u>	<u>--</u>
12. Number Of Hours Reactor Was Critical	<u>359.73</u>	<u>3886.41</u>	<u>83585.06</u>
13. Reactor Reserve Shutdown Hours	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>
14. Hours Generator On-Line	<u>357.82</u>	<u>3854.19</u>	<u>81346.77</u>
15. Unit Reserve Shutdown Hours	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>
16. Gross Thermal Energy Generated(MWH)	<u>527956.50</u>	<u>5932771.50</u>	<u>118093451.00</u>
17. Gross Electrical Energy Generated(MWH)	<u>177410.00</u>	<u>2012268.00</u>	<u>39305346.00</u>
18. Net Electrical Energy Generated(MWH)	<u>169078.00</u>	<u>1928790.00</u>	<u>37293806.00</u>
19. Unit Service Factor	<u>49.70</u>	<u>88.26</u>	<u>78.80</u>
20. Unit Availability Factor	<u>49.70</u>	<u>88.26</u>	<u>78.80</u>
21. Unit Capacity Factor(Using MDC Net)	<u>46.59</u>	<u>87.63</u>	<u>71.68</u>
22. Unit Capacity Factor(Using DER Net)	<u>45.69</u>	<u>85.93</u>	<u>70.29</u>
23. Unit Forced Outage Rate	<u>0.00</u>	<u>3.76</u>	<u>7.21</u>

24. Shutdowns Scheduled Over Next 6 Months(Type, Date, and Duration of Each):

Refueling outage commenced 6/15/84.

25. If Shut Down At End Of Report Period, Estimated Date of Startup: 8/3/84

26. Units In Test Status(Prior to Commercial Operation):	Forecast	Achieved
INITIAL CRITICALITY	<u>                    </u>	<u>                    </u>
INITIAL ELECTRICITY	<u>                    </u>	<u>                    </u>
COMMERCIAL OPERATION	<u>                    </u>	<u>                    </u>

# AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-271

UNIT Vermont Yankee

DATE 840710

COMPLETED BY F.J. Burger

TELEPHONE (802) 257-7711

MONTH June

DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

1.	<u>491</u>
2.	<u>496</u>
3.	<u>470</u>
4.	<u>493</u>
5.	<u>490</u>
6.	<u>488</u>
7.	<u>483</u>
8.	<u>481</u>
9.	<u>478</u>
10.	<u>470</u>
11.	<u>472</u>
12.	<u>469</u>
13.	<u>464</u>
14.	<u>459</u>
15.	<u>341</u>
16.	<u>0</u>

DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

17.	<u>0</u>
18.	<u>0</u>
19.	<u>0</u>
20.	<u>0</u>
21.	<u>0</u>
22.	<u>0</u>
23.	<u>0</u>
24.	<u>0</u>
25.	<u>0</u>
26.	<u>0</u>
27.	<u>0</u>
28.	<u>0</u>
29.	<u>0</u>
30.	<u>0</u>
31.	<u>      </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.

## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH JuneDOCKET NO 50-271UNIT NAME Vermont YankeeDATE 840710COMPLETED BY F.J. BurgerTELEPHONE (802) 257-7711

No.	Date	Typed <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Shutting <sup>3</sup> Down Reactor	License Event Report#	System Code <sup>4</sup>	Component Code <sup>5</sup>	Cause & Corrective Action to Prevent Recurrence
84-11	840603	S	0	B	4	N/A	RB	CONROD	Power reduction for control rod exercise and other surveillance.
84-12	840615	S	362.2	C	1	N/A	N/A	N/A	N/A

<sup>1</sup> F: Forced  
S: Scheduled

<sup>2</sup> Reason:  
A-Equipment Failure (Explain)  
B-Maintenance or Test  
C-Refueling  
D-Regulatory Restriction  
E-Operator Training & License Examination  
F-Administrative  
G-Operational Error (Explain)  
H-Other (Explain)

<sup>3</sup> Method:  
1- Manual  
2- Manual Scram  
3- Automatic Scram  
4- Other (Explain)

<sup>4</sup> Exhibit G- Instructions  
for Preparation of Data  
Entry Sheets for Licensee  
Event Report (LER) File  
(NUREG 0161)

<sup>5</sup> Exhibit I - Same Source

DOCKET NO. 50-271  
 UNIT Vermont Yankee  
 DATE 840710  
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SAFETY RELATED MAINTENANCE

EQUIPMENT	NATURE OF MAINTENANCE	LER OR OUTAGE NUMBER	MALFUNCTION		CORRECTIVE ACTION
			CAUSE	RESULT	
Control Room HVAC Chiller-Compressor	Corrective MR84-0378	N/A	Failed Parts	Unit will not run	Replaced Unit

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UNIT Vermont Yankee  
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REPORT MONTH June

## SUMMARY OF OPERATING EXPERIENCES

### Highlights

Vermont Yankee operated at 46% of rated thermal power for the month. Gross electrical generation was 177410 MWH<sub>e</sub> or 46% of design electrical capacity.

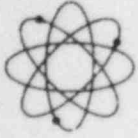
### Operating Summary

The following is a chronological description of plant operations including other pertinent items of interest for the month:

At the start of the reporting period the plant was operating at 96% of rated thermal power.

840603 At 0030 hours a power reduction was initiated for control rod exercising and surveillance testing.  
840603 At 0417 hours a return to full power was started.  
840615 At 1610 hours a manual shutdown was initiated for the annual refueling outage.  
840615 At 2149 hours the generator was disconnected from the grid.  
840615 At 2344 hours the reactor was sub-critical.

At the end of the reporting period the plant was shutdown and the refueling outage was in progress.



# VERMONT YANKEE NUCLEAR POWER CORPORATION

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

VYV 84-343

July 10, 1984

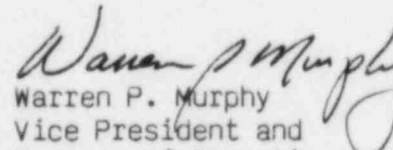
U. S. Nuclear Regulatory Commission  
Director, Office of Management Information  
and Program Control  
Washington, D.C. 20555

Dear Sir:

Submitted herewith is the Monthly Statistical Report for the Vermont Yankee Nuclear Power Station for the month of June, 1984.

Very truly yours,

VERMONT YANKEE NUCLEAR POWER CORP.

  
Warren P. Murphy  
Vice President and  
Manager of Operations

WPM:FJB/pt:403.011.1

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