

VERMONT YANKEE NUCLEAR POWER STATION

MONTHLY STATISTICAL REPORT 83-05

FOR THE MONTH OF MAY, 1983

8306170068 830609  
PDR ADOCK 05000271  
R PDR

IE24  
1/1

# OPERATING DATA REPORT

DOCKET NO. 50-271  
DATE 830609  
COMPLETED BY F.J. Burger  
TELEPHONE 802/257-7711 Ext 136

## OPERATING STATUS

1. Unit Name: Vermont Yankee
2. Reporting Period: May
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	744.00	3,623.00	--
12. Number Of Hours Reactor Was Critical	0.00	1,471.42	75,014.41
13. Reactor Reserve Shutdown Hours	0.00	0.00	0.00
14. Hours Generator On-Line	0.00	1,459.20	72,878.89
15. Unit Reserve Shutdown Hours	0.00	0.00	0.00
16. Gross Thermal Energy Generated(MWH)	0.00	1,989,956.00	105,029,199.00
17. Gross Electrical Energy Generated(MWH)	0.00	666,902.00	34,928,049.00
18. Net Electrical Energy Generated(MWH)	0.00	637,364.00	33,127,905.00
19. Unit Service Factor	0.00	40.28	77.76
20. Unit Availability Factor	0.00	40.28	77.76
21. Unit Capacity Factor(Using MDC Net)	0.00	34.91	70.13
22. Unit Capacity Factor(Using DER Net)	0.00	34.23	68.77
23. Unit Forced Outage Rate	100.00	35.32	7.19
24. Shutdowns Scheduled Over Next 6 Months(Type, Date, and Duration of Each): Refueling Outage currently in progress, started March 5, 1983			

25. If Shut Down At End Of Report Period, Estimated Date of Startup: June 15, 1983
26. Units In Test Status(Prior to Commercial Operation):

	Forecast	Achieved
INITIAL CRITICALITY		
INITIAL ELECTRICITY		
COMMERCIAL OPERATION		

# AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-271  
UNIT Vermont Yankee  
DATE 830609  
COMPLETED BY F.J. Burger  
TELEPHONE 802/257-7711 Ext. 136

MONTH May

DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

1.	<u>0</u>
2.	<u>0</u>
3.	<u>0</u>
4.	<u>0</u>
5.	<u>0</u>
6.	<u>0</u>
7.	<u>0</u>
8.	<u>0</u>
9.	<u>0</u>
10.	<u>0</u>
11.	<u>0</u>
12.	<u>0</u>
13.	<u>0</u>
14.	<u>0</u>
15.	<u>0</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>0</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 May

DOCKET NO 50-271  
 UNIT NAME Vermont Yankee  
 DATE 830609  
 COMPLETED BY F.J. Burger  
 TELEPHONE 802/257-7711 Ext. 136

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
83-04 Cont.	830305	F	744	A	3	LER 83-12/IP	CB	PIPEXX	Continuing the 1983 Refueling Outage. Repairs on the reactor recirculation system as required by I&E Bulletin 83-02 were performed.

<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	830609
COMPLETED BY	F.J. Burger
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SAFETY RELATED MAINTENANCE

EQUIPMENT	NATURE OF MAINTENANCE	LER OR OUTAGE NUMBER	MALFUNCTION		CORRECTIVE ACTION
			CAUSE	RESULT	
LPRM's (See MR)	Corrective MR 81-1341 MR 81-1348 MR 81-1355 MR 81-1442	N/A	Failed Detector	Erroneous Indications	Replaced Detectors.
SLC Squib Valve 14A Cable	Preventive MR 83-0450	N/A	Heat, Age	Insulation Cracked	Replaced Cable.
SLC Squib Valve 14B Cable Connector	Preventive MR 83-0500	N/A	Heat, Age	Insulation Cracked	Replaced Connector.
HCU 34-35, Valve 113	Corrective MR 83-0852	N/A	Worn Parts	Seat Leakage	Replaced Valve Wedge.
Main Steam Flow Instrument Block Valve 2-118D	Corrective MR 83-0824	N/A	Worn Parts	Seat Leakage	Replaced Valve.
"A" Diesel Generator Control Power Relay	Corrective MR 83-0906	N/A	Failed Parts	Loss of Control Power	Replaced Relay.
HCU 06-15	Corrective MR 83-0918	N/A	Failed Parts	High Water Level Alarm	Replaced HCU.
"A" Diesel Generator Service Water Control Valve PCU-73A	Corrective MR 83-0921	N/A	Unknown	Valve Stem Broken	Replaced Valve Stem.

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REPORT MONTH May

#### SUMMARY OF OPERATING EXPERIENCES

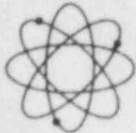
##### Highlights

Vermont Yankee operated at 0% of rated thermal power for the month.  
Gross electrical generation was 0 MWh<sub>e</sub> or 0% of design electrical capacity.

##### Operating Summary

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

Throughout the reporting period the plant was shutdown for the 1983 Refueling Outage. Repairs on the reactor recirculation system as required by I&E Bulletin 83-02 were performed.



# VERMONT YANKEE NUCLEAR POWER CORPORATION

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

VYV 83-103

June 9, 1983

United States Nuclear Regulatory Commission  
Director, Office of Management Information  
and Program Control  
Washington, DC 20555

Dear Sir:

Submitted herewith is the Monthly Statistical Report for the  
Vermont Yankee Nuclear Power Station for the month of May, 1983.

Very truly yours,

VERMONT YANKEE NUCLEAR POWER CORP.

W.P. Murphy  
Vice President and  
Manager of Operations

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