

50-271

VERMONT YANKEE NUCLEAR POWER STATION
MONTHLY STATISTICAL REPORT 83-07
FOR THE MONTH OF JULY, 1983

8308190180 830809
PDR ADOCK 05000271
R PDR

IE24
11

OPERATING DATA REPORT

DOCKET NO. 50-271
DATE 830809
COMPLETED BY F.J. Burger
TELEPHONE 802/257-7711
Ext. 136

OPERATING STATUS

1. Unit Name: Vermont Yankee
2. Reporting Period: July
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>744.00</u>	<u>5,087.00</u>	<u>---</u>
12. Number Of Hours Reactor Was Critical	<u>744.00</u>	<u>2,513.44</u>	<u>76,056.43</u>
13. Reactor Reserve Shutdown Hours	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>
14. Hours Generator On-Line	<u>744.00</u>	<u>2,435.27</u>	<u>73,854.96</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>1,172,967.50</u>	<u>3,425,775.00</u>	<u>106,465,017.50</u>
17. Gross Electrical Energy Generated(MWH)	<u>384,428.00</u>	<u>1,133,165.00</u>	<u>35,394,312.00</u>
18. Net Electrical Energy Generated(MWH)	<u>360,087.00</u>	<u>1,073,009.00</u>	<u>33,563,550.00</u>
19. Unit Service Factor	<u>100.00</u>	<u>47.87</u>	<u>77.59</u>
20. Unit Availability Factor	<u>100.00</u>	<u>47.87</u>	<u>77.59</u>
21. Unit Capacity Factor(Using MDC Net)	<u>96.03</u>	<u>41.85</u>	<u>69.96</u>
22. Unit Capacity Factor(Using DER Net)	<u>94.16</u>	<u>41.04</u>	<u>68.60</u>
23. Unit Forced Outage Rate	<u>0.00</u>	<u>34.54</u>	<u>7.67</u>
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: _____
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 830809

COMPLETED BY F.J. Burger

TELEPHONE (802)257-7711 X136

MONTH July

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1.	<u>402</u>
2.	<u>462</u>
3.	<u>486</u>
4.	<u>484</u>
5.	<u>489</u>
6.	<u>496</u>
7.	<u>497</u>
8.	<u>496</u>
9.	<u>495</u>
10.	<u>487</u>
11.	<u>497</u>
12.	<u>493</u>
13.	<u>491</u>
14.	<u>494</u>
15.	<u>491</u>
16.	<u>487</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17.	<u>481</u>
18.	<u>488</u>
19.	<u>491</u>
20.	<u>489</u>
21.	<u>488</u>
22.	<u>489</u>
23.	<u>492</u>
24.	<u>479</u>
25.	<u>492</u>
26.	<u>489</u>
27.	<u>488</u>
28.	<u>485</u>
29.	<u>480</u>
30.	<u>481</u>
31.	<u>475</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 July

DOCKET NO 50-271
 UNIT NAME Vermont Yankee
 DATE 830809
 COMPLETED BY F.J. Burger
 TELEPHONE (802)257-7711 X136

No.	Date	Typed ¹	Duration (Hours)	Reason ²	Method of Shutting ³ Down Reactor	License Event Report#	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
	NONE								

¹ F: Forced
S: Scheduled

² 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)

³ Method:
 1- Manual
 2- Manual Scram
 3- Automatic Scram
 4- Other (Explain)

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

⁵ Exhibit I - Same Source

DOCKET NO.	50-271
UNIT	Vermont Yankee
DATE	830809
COMPLETED BY	F.J. Burger
TELEPHONE	(802) 257-7711 X136

SAFETY RELATED MAINTENANCE

EQUIPMENT	NATURE OF MAINTENANCE	LER OR OUTAGE NUMBER	MALFUNCTION		CORRECTIVE ACTION
			CAUSE	RESULT	
Chilled Water Circulation Pump SP-1	Corrective MR 83-1055	N/A	Worn Parts	Electrical Ground	Replaced Motor
RHR Time Delay Device 10AK45A-1	Corrective MR83-1251	LER 83-17	Failed Parts	Device Failed	Replaced Device
Service Water Pump P7-1C Motor	Corrective MR 83-1282	N/A	Failed Insulation	Electrical Ground	Rewound Motor
CAD Absolute Temperature & Pressure Indicators (Control Room)	Corrective MR 83-1319	N/A	Failed Parts	Indicate High	Replaced Indicators
Reactor Vessel Shroud Level Indicators 2-9-91B	Corrective MR 83-1324	N/A	Worn Parts	Indicates Low	Replaced Indicator
CAD Flow Transmitter VG-4B	Corrective MR 83-1352	N/A	Failed Parts	Indicates Down- Scale	Replaced Transmitter.
CAD Vent Temperature Indicator	Corrective MR 83-1367	N/A	Failed Parts	No Indication	Replaced Indicator

DOCKET NO. 50-271

UNIT Vermont Yankee

DATE 830809

COMPLETED BY F.J. Burger

TELEPHONE (802)257-7711 X136

REPORT MONTH July

SUMMARY OF OPERATING EXPERIENCES

Highlights

Vermont Yankee operated at 98.97% of rated thermal power for the month. Gross electrical generation was 384,428 MWh_e or 95.69% 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 beginning of the reporting period the plant was operating at 79.5% of rated thermal power. A power ascension was in progress.

During the reporting period there were no plant shut downs or power reduction greater than 20%.

At the end of the reporting period the plant was operating at 99.7% of rated thermal power.



VERMONT YANKEE NUCLEAR POWER CORPORATION

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

VYV 83-155

August 9, 1983

United States 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 July, 1983.

Very truly yours,

VERMONT YANKEE NUCLEAR
POWER CORPORATION

R.W. Burke for

W.P. Murphy
Vice President & Manager
of Operations

WPM/pd

IE24
1/1