

VERMONT YANKEE NUCLEAR POWER STATION
MONTHLY STATISTICAL REPORT 88-05
FOR THE MONTH OF MAY, 1988

DP 0411 Rev. 2
Page 1 of 1

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OPERATING DATA REPORT

DOCKET NO. 50-271
 DATE 880610
 COMPLETED BY G.A. Wallin
 TELEPHONE (802)257-7711

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	3647.00	-----
12. Number Of Hours Reactor was Critical	744.00	3647.00	108492.36
13. Reactor Reserve Shutdown Hours	0.00	0.00	0.00
14. Hours Generator On-Line	744.00	3647.00	105916.27
15. Unit Reserve Shutdown Hours	0.00	0.00	0.00
16. Gross Thermal Energy Generated(MWH)	1177043.00	5746699.50	155487411.00
17. Gross Electrical Energy Generated	393812.00	1939510.00	51779454.00
18. Net Electrical Energy Generated(MWH)	375776.00	1858138.00	49153225.00
19. Unit Service Factor	100.00	100.00	76.99
20. Unit Availability Factor	100.00	100.00	76.99
21. Unit Capacity Factor(Using MDC Net)	100.21	101.09	70.89
22. Unit Capacity Factor(Using DER Net)	98.26	99.12	69.51
23. Unit Forced Outage Rate	0.00	0.00	6.11
24. Shutdowns scheduled over next 6 months(Type, Date, and Duration of Each):	N/A		

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

INITIAL CRITICALITY
 INITIAL ELECTRICITY
 COMMERCIAL OPERATION

	Forecast	Achieved
	_____	_____
	_____	_____
	_____	_____

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-271
 UNIT Vermont Yankee
 DATE 880610
 COMPLETED BY G.A. Wallin
 TELEPHONE (802)257-7711

MONTH May

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1.	447	17.	505
2.	512	18.	502
3.	515	19.	507
4.	517	20.	505
5.	515	21.	509
6.	514	22.	508
7.	514	23.	505
8.	511	24.	503
9.	506	25.	505
10.	505	26.	490
11.	514	27.	506
12.	513	28.	507
13.	513	29.	503
14.	512	30.	492
15.	510	31.	490
16.	505		

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. 2

Page 1 of 1

RT No. 13.F01.18V

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH MAY

DOCKET NO 50-271
 UNIT NAME Vermont Yankee
 DATE 880610
 COMPLETED BY G.A. Wallin
 TELEPHONE (802)257-7711

No.	Date	1 Type	Duration (hours)	2 Reason	Method of Shutting Down Reactor 3	License Event Report#	System Code 4	Component Code 5	Cause and 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 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 Licensee
 Event Report (LER) File
 (NUREG 0161)

5 Exhibit I - Same Source

DOCKET NO. 50-271
UNIT Vermont Yankee
DATE 880610
COMPLETED BY G.A. Wallin
TELEPHONE (802)257-7711

REPORT MONTH May

SUMMARY OF OPERATING EXPERIENCES

Highlights

Vermont Yankee operated at 99.3% of rated thermal power for the month. Gross electrical generation was 393,812 MWHe or 98.0% design electrical capacity.

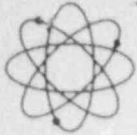
Operating Summary

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 77.7% of rated thermal power. A return to full power was in progress following a rod pattern exchange.

880516 At 0000 hours, began cooling tower operations and went to a hybrid cycle of operation. Varying modes of cycle operation from this point on will be based upon river temperature considerations.

At the end of the reporting period the plant was operating at 99.9% of rated thermal power.



VERMONT YANKEE NUCLEAR POWER CORPORATION

P. O. BOX 157
GOVERNOR HUNT ROAD
VERNON, VERMONT 05354
June 10, 1988
VYV 88-112

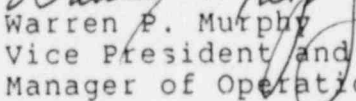
U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, D.C. 20555

Dear Sir:

Submitted herewith is the Monthly Statistical Report for the Vermont Yankee Nuclear Power Station for the month of May, 1988.

Very truly yours,

VERMONT YANKEE NUCLEAR POWER CORP.


Warren P. Murphy
Vice President and
Manager of Operations

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

DP 0411 Rev. 2
Page 1 of 1

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11