

VERMONT YANKEE NUCLEAR POWER STATION
MONTHLY STATISTICAL REPORT 88-03
FOR THE MONTH OF MARCH, 1988

VYDF 0411
Rev. 1

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OPERATING DATA REPORT

DOCKET NO. 50-27;
 DATE 880410
 COMPLETED BY G.A. Wallin
 TELEPHONE (802) 257-7711

OPERATING STATUS

Notes:

1. Unit Name: Vermont Yankee
2. Reporting Period: March
3. Licensed Thermal Power (MWT): 1593
4. Nameplate Rating (Gross MWe): 540
5. Design Electrical Rating (Net MWe): 514(cc) 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

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	2184.00	-----
12. Number of Hours Reactor was Critical	744.00	2184.00	107029.36
13. Reactor Reserve Shutdown Hours	0.00	0.00	0.00
14. Hours Generator On-Line	744.00	2184.00	104453.27
15. Unit Reserve Shutdown Hours	0.00	0.00	0.00
16. Gross Thermal Energy Generated (MWH)	1163019.50	3439001.00	153179712.50
17. Gross Electrical Energy Generated (MWH)	393216.00	1163883.00	51003827.00
18. Net Electrical Energy Generated (MWH)	377284.00	1116806.00	48411893.00
19. Unit Service Factor	100.00	100.00	76.74
20. Unit Availability Factor	100.00	100.00	76.74
21. Unit Capacity Factor (using MDC Net)	100.62	101.46	70.57
22. Unit Capacity Factor (using DER Net)	98.66	99.49	69.20
23. Forced Outage Rate	0.00	0.00	6.19

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

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INITIAL CRITICALITY
 INITIAL ELECTRICITY
 COMMERCIAL OPERATION

Forecast	Achieved
_____	_____
_____	_____
_____	_____

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-271
 UNIT Vermont Yankee
 DATE 880410
 COMPLETED BY G.A. Wallin
 TELEPHONE (802) 257-7711

MONTH March

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>518</u>	17	<u>517</u>
2	<u>520</u>	18	<u>517</u>
3	<u>518</u>	19	<u>355</u>
4	<u>518</u>	20	<u>429</u>
5	<u>518</u>	21	<u>507</u>
6	<u>510</u>	22	<u>517</u>
7	<u>517</u>	23	<u>517</u>
8	<u>517</u>	24	<u>517</u>
9	<u>517</u>	25	<u>517</u>
10	<u>518</u>	26	<u>517</u>
11	<u>484</u>	27	<u>514</u>
12	<u>515</u>	28	<u>517</u>
13	<u>517</u>	29	<u>517</u>
14	<u>516</u>	30	<u>516</u>
15	<u>516</u>	31	<u>511</u>
16	<u>516</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.

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Rev. 1

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH March

DOCKET NO. 50-271
 UNIT NAME Vermont Yankee
 DATE 880410
 COMPLETED BY G. A. Wallin
 TELEPHONE (802) 257-7711

No.	Date	1 Type	Duration (hours)	2 Reason	3 Method of Shutting Down	Licensee Event	4 System Code	5 Component Code	Cause and Corrective Action to Prevent Recurrence
88-02	880311	F	0.00	B	4 Power Reduction	N/A	CH	XXXXXX	Spectacle flange bolts loosened. All bolts torqued to specification.
88-02	880311	F	0.00	B	4 Power Reduction	N/A	RB	CONROD	Control Rod and Turbine Surveillance Testing.
88-03	880312	S	0.00	B,H*	4 Power Reduction	N/A	RB	CONROD	Control Rod Pattern Exchange, Surveillance Testing and Scheduled Maintenance.

J
 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) See Above Cause and Corrective Action section
 *H-(Explain) - Control Rod Pattern Exchange

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 880410
COMPLETED BY G.A. Wallin
TELEPHONE (802) 257-7711

REPORT MONTH March

SUMMARY OF OPERATING EXPERIENCES

Highlights

Vermont Yankee operated at 98.1% of rated thermal power for the month. Gross electrical generation was 393,216 MWh or 97.9% of design electrical capacity.

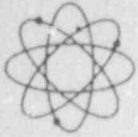
Operating Summary

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 99.9% of rated thermal power.

- 880311 At 1415 hours, commenced a power reduction to 75% to investigate leakage at the spectacle flange on the "B" high pressure heater line.
- 880311 At 1443 hours, isolated the "B" high pressure heater line for temporary repair work. (See Unit Shutdowns and Power Reductions)
- 880311 At 1505 hours, initiated control rod exercising. (See Unit Shutdowns and Power Reductions)
- 880311 At 1642 hours, completed control rod exercising.
- 880311 At 1800 hours, temporary repair work completed and the "B" high pressure heater line was returned to service.
- 880311 At 1815 hours, commenced turbine surveillance.
- 880311 At 1835 hours, completed turbine surveillance and a return to full power was initiated.
- 880319 At 0630 hours, initiated a power reduction to minimum recirculation flow to perform scheduled maintenance and surveillance testing.
- 880319 At 1200 hours, completed surveillance testing and initiated a rod pattern exchange. (See Unit Shutdowns and Power Reductions)
- 880319 At 1237 hours, completed the rod pattern exchange.
- 880319 At 1715 hours, completed scheduled maintenance and a return to full power was initiated.

At the end of the reporting period the plant was operating at 97.4% of rated thermal power.



VERMONT YANKEE NUCLEAR POWER CORPORATION

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GOVERNOR HUNT ROAD
VERMONT, VERMONT 05354

April 10, 1988
VYV 88-064

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 March, 1988.

Very truly yours,

VERMONT YANKEE NUCLEAR POWER CORP.

Warren F. Murphy
Vice President and
Manager of Operations

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