

VERMONT YANKEE NUCLEAR POWER STATION

P.O. Box 157, Governor Hunt Road
Vernon, Vermont 05354-0157
(802) 257-7711

May 10, 2000
BVY-00-41

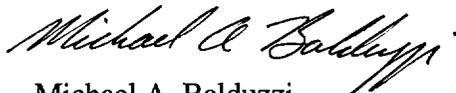
United States Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, D.C. 20555

Reference: (a) License No. DPR-28 (Docket No. 50-271)

In accordance with section 6.7.A.3 of the Vermont Yankee Technical Specifications, submitted herewith is the Monthly Statistical Report for the Vermont Yankee Nuclear Power Station for the month of April, 2000.

Sincerely,

VERMONT YANKEE NUCLEAR POWER STATION



Michael A. Balduzzi
Plant Manager

cc: USNRC Region I Administrator
USNRC Resident Inspector - VYNPS
USNRC Project Manager – VYNPS

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VERMONT YANKEE NUCLEAR POWER STATION

MONTHLY STATISTICAL REPORT 00-04

FOR THE MONTH OF APRIL 2000

OPERATING DATA REPORT

DOCKET NO. 50-271
 DATE 000510
 COMPLETED BY G.A. WALLIN
 TELEPHONE (802)258-5414

OPERATING STATUS

1. Unit Name: Vermont Yankee
2. Reporting Period: April
3. Licensed Thermal Power (MWt): 1593
4. Nameplate Rating (Gross MWe): 540
5. Design Electrical Rating (Net MWe): 522
6. Maximum Dependable Capacity (Gross MWe): 535
7. Maximum Dependable Capacity (Net MWe): 510
8. If changes, occur in capacity ratings (Items Number 3 through 7) since last report, give reasons:



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 | 719.00 | 2903.00 | 239567.00 |
| 12. Number Of Hours Reactor was Critical | 719.00 | 2903.00 | 201077.46 |
| 13. Reactor Reserve Shutdown Hours | 0.00 | 0.00 | 0.00 |
| 14. Hours Generator On-Line | 719.00 | 2903.00 | 197564.00 |
| 15. Unit Reserve Shutdown Hours | 0.00 | 0.00 | 0.00 |
| 16. Gross Thermal Energy Generated (MWH) | 1142573.80 | 4615268.85 | 298176452.20 |
| 17. Gross Electrical Energy Generated (MWH) | 394912.00 | 1596965.00 | 99899533.00 |
| 18. Net Electrical Energy Generated (MWH) | 379994.00 | 1536269.00 | 95036827.00 |
| 19. Unit Service Factor | 100.00 | 100.00 | 81.40 |
| 20. Unit Availability Factor | 100.00 | 100.00 | 81.40 |
| 21. Unit Capacity Factor (Using MDC Net) | 103.60 | 103.80 | 77.50 |
| 22. Unit Capacity Factor (Using DER Net) | 101.20 | 101.40 | 76.00 |
| 23. Unit Forced Outage Rate | 0.00 | 0.00 | 4.32 |
| 24. Shutdowns scheduled over next 6 months (Type, Date, and Duration of Each: | | | |

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 000510
 COMPLETED BY G.A. WALLIN
 TELEPHONE (802)258-5414

MONTH April

| DAY | AVERAGE DAILY POWER LEVEL (MWe-Net) | DAY | AVERAGE DAILY POWER LEVEL (MWe-Net) |
|-----|--|-----|--|
| 1. | 530 | 17. | 529 |
| 2. | 529 | 18. | 529 |
| 3. | 529 | 19. | 529 |
| 4. | 530 | 20. | 529 |
| 5. | 530 | 21. | 530 |
| 6. | 530 | 22. | 530 |
| 7. | 529 | 23. | 530 |
| 8. | 529 | 24. | 529 |
| 9. | 496 | 25. | 530 |
| 10. | 529 | 26. | 530 |
| 11. | 529 | 27. | 530 |
| 12. | 529 | 28. | 529 |
| 13. | 530 | 29. | 530 |
| 14. | 530 | 30. | 530 |
| 15. | 530 | 31. | --- |
| 16. | 530 | | |

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 (Sample)
 DP 0411 Rev. 7
 Page 1 of 1
 RT No. 13.F01.18V

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH APRIL

DOCKET NO 50-271
 UNIT NAME Vermont Yankee
 DATE 000510
 COMPLETED BY G.A. Wallin
 TELEPHONE (802)258-5414

| No. | Date | 1 Type | Duration (hours) | 2 Reason | 3 Method of Shutting Down Reactor | License Event Report # | 4 System Code | 5 Component Code | Cause and Corrective Action to Prevent Recurrence |
|-------|--------|-----------|---------------------|-------------|---|------------------------------|---------------------|------------------------|---|
| 00-03 | 000409 | S | 0.00 | B,H* | 4 | N/A | RB | CONROD | Main steam and turbine bypass valve testing, maintenance valve repacking, and a rod pattern exchange. |

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) - 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 License
 Event Report (LER) File
 (NUREG 0161)

5 Exhibit I - Same Source

DOCKET NO. 50-271
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REPORT MONTH April

SUMMARY OF OPERATING EXPERIENCES

Highlights

Vermont Yankee operated at 99.8% of rated thermal power for the month. Gross electrical generation was 394,912 MWh or 100.6% 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 100.0% of rated thermal power.

- 000409 At 0700 hours, reducing power to 71% to perform main steam isolation and turbine bypass valve testing, maintenance valve repacking, and perform a rod pattern exchange. (See Unit Shutdowns and Power Reductions)
- 000409 At 0738 hours, initiated main steam isolation valve testing.
- 000409 At 0748 hours, completed main steam isolation valve testing.
- 000409 At 0757 hours, initiated turbine bypass valve testing.
- 000409 At 0807 hours, completed turbine bypass valve testing.
- 000409 At 0810 hours, initiated maintenance valve repacking.
- 000409 At 0822 hours, initiated a rod pattern exchange.
- 000409 At 0930 hours, completed the rod pattern exchange.
- 000409 At 1048 hours, initiated a return to full power.
- 000409 At 2100 hours, completed maintenance valve repacking.

At the end of the reporting period the plant was operating at 100.0% of rated thermal power.