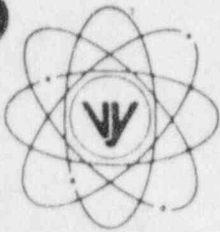


VERMONT YANKEE NUCLEAR POWER CORPORATION



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

July, 10 1997
BVY-97-088

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 June, 1997.

Sincerely,

VERMONT YANKEE NUCLEAR POWER CORPORATION


Gregory A. Maret
Plant Manager

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

Levy

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R PDR



VERMONT YANKEE

VERMONT YANKEE NUCLEAR POWER STATION

MONTHLY STATISTICAL REPORT 97-06

FOR THE MONTH OF JUNE 1997

OPERATING DATA REPORT

DOCKET NO. 50-271
 DATE 970710
 COMPLETED BY G.A. WALLIN
 TELEPHONE (802) 258-5414

OPERATING STATUS

1. Unit Name: Vermont Yankee
2. Reporting Period: June
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 | 720.00 | 4343.00 | 215471.00 |
| 12. Number Of Hours Reactor was Critical | 720.00 | 4037.54 | 179004.20 |
| 13. Reactor Reserve Shutdown Hours | 0.00 | 0.00 | 0.00 |
| 14. Hours Generator On-Line | 720.00 | 4006.04 | 175679.94 |
| 15. Unit Reserve Shutdown Hours | 0.00 | 0.00 | 0.00 |
| 16. Gross Thermal Energy Generated(MWH) | 1143212.60 | 6357061.40 | 264004194.80 |
| 17. Gross Electrical Energy Generated | 383095.00 | 2180476.00 | 88231898.00 |
| 18. Net Electrical Energy Generated(MWH) | 362413.00 | 2090448.00 | 83906337.00 |
| 19. Unit Service Factor | 100.00 | 92.20 | 80.90 |
| 20. Unit Availability Factor | 100.00 | 92.20 | 80.90 |
| 21. Unit Capacity Factor(Using MDC Net) | 98.70 | 94.40 | 76.60 |
| 22. Unit Capacity Factor(Using DER Net) | 96.40 | 92.20 | 75.10 |
| 23. Unit Forced Outage Rate | 0.00 | 5.90 | 4.64 |
| 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: 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 970710
 COMPLETED BY G.A. WALLIN
 TELEPHONE (802)258-5414

MONTH June

| DAY | AVERAGE DAILY POWER LEVEL (MWe-Net) | DAY | AVERAGE DAILY POWER LEVEL (MWe-Net) |
|-----|--|-----|--|
| 1. | <u>525</u> | 17. | <u>505</u> |
| 2. | <u>526</u> | 18. | <u>497</u> |
| 3. | <u>519</u> | 19. | <u>494</u> |
| 4. | <u>524</u> | 20. | <u>493</u> |
| 5. | <u>523</u> | 21. | <u>490</u> |
| 6. | <u>519</u> | 22. | <u>489</u> |
| 7. | <u>517</u> | 23. | <u>493</u> |
| 8. | <u>514</u> | 24. | <u>495</u> |
| 9. | <u>512</u> | 25. | <u>492</u> |
| 10. | <u>508</u> | 26. | <u>491</u> |
| 11. | <u>473</u> | 27. | <u>497</u> |
| 12. | <u>506</u> | 28. | <u>497</u> |
| 13. | <u>497</u> | 29. | <u>493</u> |
| 14. | <u>505</u> | 30. | <u>492</u> |
| 15. | <u>508</u> | 31. | <u>---</u> |
| 16. | <u>508</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 JUNE

DOCKET NO 50-271
 UNIT NAME Vermont Yankee
 DATE 970710
 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 |
|-------|--------|-----------|---------------------|-------------|---|------------------------------|---------------------|------------------------|---|
| 97-05 | 970611 | S | 0.00 | B,H* | 4 Power Reduction | N/A | RB | CONROD | Scram Solenoid Pilot Valve replacement, Single rod scram testing, and a rod pattern adjustment. |

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 Adjustment

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
DATE 970710
COMPLETED BY G.A. WALLIN
TELEPHONE (802)258-5414

REPORT MONTH June

SUMMARY OF OPERATING EXPERIENCES

Highlights

Vermont Yankee operated at 99.7% of rated thermal power for the month. Gross electrical generation was 383,095 MWh or 97.4% 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.

970611 At 0400 hours, initiated a power reduction to perform Scram Solenoid Pilot Valve replacement, single rod scram testing and a rod pattern adjustment. (See Unit Shutdowns and Power Reductions)

970611 At 0627 hours, at 75% power began Scram Solenoid Pilot Valve replacement.

970611 At 0857 hours, following Scram Solenoid Pilot Valve replacement, performed single rod scram testing and a rod pattern adjustment.

970611 At 0927 hours, began a return to full power.

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