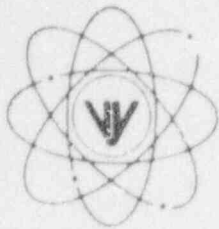


VERMONT YANKEE NUCLEAR POWER CORPORATION



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

May, 10 1997
BVY-97-059

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, 1997.

Sincerely,

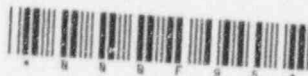
VERMONT YANKEE NUCLEAR POWER CORPORATION

Gregory A. Maret
Plant Manager

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

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VERMONT YANKEE NUCLEAR POWER STATION

MONTHLY STATISTICAL REPORT 97-04

FOR THE MONTH OF APRIL 1997

OPERATING DATA REPORT

DOCKET NO. 50-271
 DATE 970510
 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 | 2879.00 | 214007.00 |
| 12. Number Of Hours Reactor was Critical | 560.17 | 2720.17 | 177686.30 |
| 13. Reactor Reserve Shutdown Hours | 0.00 | 0.00 | 0.00 |
| 14. Hours Generator On-Line | 560.17 | 2720.17 | 174394.00 |
| 15. Unit Reserve Shutdown Hours | 0.00 | 0.00 | 0.00 |
| 16. Gross Thermal Energy Generated(MWH) | 892273.30 | 4324155.50 | 261971288.60 |
| 17. Gross Electrical Energy Generated | 307492.00 | 1492432.00 | 87543854.00 |
| 18. Net Electrical Energy Generated(MWH) | 295759.00 | 1435581.00 | 83251470.00 |
| 19. Unit Service Factor | 77.90 | 94.50 | 80.80 |
| 20. Unit Availability Factor | 77.90 | 94.50 | 80.80 |
| 21. Unit Capacity Factor(Using MDC Net) | 80.70 | 97.80 | 76.50 |
| 22. Unit Capacity Factor(Using DER Net) | 78.80 | 95.50 | 75.00 |
| 23. Unit Forced Outage Rate | 15.74 | 3.70 | 4.59 |
| 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 970510
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.	<u>527</u>	17.	<u>528</u>
2.	<u>528</u>	18.	<u>528</u>
3.	<u>528</u>	19.	<u>528</u>
4.	<u>528</u>	20.	<u>528</u>
5.	<u>527</u>	21.	<u>528</u>
6.	<u>528</u>	22.	<u>528</u>
7.	<u>528</u>	23.	<u>528</u>
8.	<u>528</u>	24.	<u>202</u>
9.	<u>528</u>	25.	<u>0</u>
10.	<u>529</u>	26.	<u>0</u>
11.	<u>529</u>	27.	<u>0</u>
12.	<u>529</u>	28.	<u>0</u>
13.	<u>528</u>	29.	<u>0</u>
14.	<u>528</u>	30.	<u>0</u>
15.	<u>528</u>	31.	<u>-</u>
16.	<u>528</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.

VYDPF 0411.02
DP 0411 Rev. 6
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RT No. 13.F01.18V

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH APRIL

DOCKET NO 50-271

UNIT NAME Vermont Yankee

DATE 970510

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
97-04	970424	F	26.62	B	3	97-08	RB	CONROD	Turbine Trip and Reactor Scram due to Instrument Calibration Problems
97-04	970425	S	54.21	B	3	N/A	CD	VALVEX	Mini-Outage Repairs
97-04	970427	F	78.00	B	3	N/A	EB	TRANSF	Mini-Outage Repairs

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 License
Event Report (LER) File
(NUREG 0161)

5 Exhibit I - Same Source

DOCKET NO. 50-271
DATE 970510
COMPLETED BY G.A. WALLIN
TELEPHONE (802) 258-5414

REPORT MONTH April

SUMMARY OF OPERATING EXPERIENCES

Highlights

Vermont Yankee operated at 77.9% of rated thermal power for the month. Gross electrical generation was 307,492 MWh or 78.3% 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 99.8% of rated thermal power.

970424 At 0910 hours, turbine tripped and reactor scrammed due to instrument calibration problems. (See Unit Shutdowns and Power Reductions)

970425 At 1147 hours, initiated mini-outage. (See Unit Shutdowns and Power Reductions)

At the end of the reporting period the plant was operating at 00.0% of rated thermal power.