VERMONT YANKEE
NUCLEAR POWER CORPORATION

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

June 10, 1996
VY-RE-96-013
BVY-96-072

U.S. 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 May, 1996.

Sincerely,

Vermont Yankee Nuclear Power Corp.

Robert J. Wanczyk

Robert J. Wanczyk
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 96-05

FOR THE MONTH OF MAY 1996

OPERATING DATA REPORT

DOCKET NO. 50-271
DATE 960610
COMPLETED BY G.A. WALLIN
TELEPHONE (802)258-5414

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): 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	744.00	3647.00	205991.00
12.	Number Of Hours Reactor was Critical	744.00	3647.00	171128.03
13.	Reactor Reserve Shutdown Hours	0.00	0.00	0.00
14.	Hours Generator On-Line	744.00	3647.00	167898.63
15.	Unit Reserve Shutdown Hours	0.00	0.00	0.00
16.	Gross Thermal Energy Generated(MWH)	1167963.20	5772442.45	251855201.35
17.	Gross Electrical Energy Generated	403200.00	1997287.00	84082794.00
18.	Net Electrical Energy Generated(MWH)	387147.00	1920170.00	79937269.00
19.	Unit Service Factor	100.00	100.00	81.51
20.	Unit Availability Factor	100.00	100.00	81.51
21.	Unit Capacity Factor(Using MDC Net)	102.00	103.20	76.30
22.	Unit Capacity Factor(Using DER Net)	99.70	100.90	74.80
23.	Unit Forced Outage Rate	0.00	0.00	4.69

24. Shutdowns scheduled over next 6 months(Type, Date, and Duration of Each: 1996 Refueling Outage scheduled to begin on September 7, 1996 and end on October 6, 1996.
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

	Forecast	Achieved
INITIAL CRITICALITY		
INITIAL ELECTRICITY		
COMMERCIAL OPERATION		

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-271
UNIT Vermont Yankee
DATE 960610
COMPLETED BY G.A. WALLIN
TELEPHONE (802)258-5414

MONTH May

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1.	530	17.	529
2.	531	18.	529
3.	530	19.	528
4.	530	20.	528
5.	529	21.	519
6.	529	22.	527
7.	523	23.	526
8.	529	24.	527
9.	529	25.	526
10.	529	26.	527
11.	529	27.	526
12.	529	28.	527
13.	529	29.	474
14.	528	30.	382
15.	526	31.	497
16.	529		

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 MAY

DOCKET NO 50-271
UNIT NAME Vermont Yankee
DATE 960610
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
96-05	960529	S	0.00	B	4 Power Reduction	N/A	RB	VALVE	Scram Solenoid Pilot valve maintenance and testing.

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 960610
COMPLETED BY G.A. WALLIN
TELEPHONE (802)258-5414

REPORT MONTH May

SUMMARY OF OPERATING EXPERIENCES

Highlights

Vermont Yankee operated at 98.5% of rated thermal power for the month. Gross electrical generation was 403,200 MWHe or 99.3% 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 99.9% of rated thermal power.

960516 At 0001 hours, began complying with stricter thermal discharge requirements as delineated by our NPDES permit. These requirements, based on upstream river temperature, define operation of the Circulation Water system in open, hybrid or closed cycle.

960529 At 1607 hours, decreasing power to approximately 80% to perform maintenance and testing on sixty-four scram solenoid pilot valves. (See Unit Shutdowns and Power Reductions)

960529 At 1710 hours, commenced scram solenoid pilot valve maintenance and testing.

960531 At 0135 hours, completed scram solenoid pilot valve maintenance and testing.

960531 At 0255 hours, commenced a return to full power.

At the end of the reporting period the plant was operating at 99.8% of rated thermal power.