VERMONT YANKEE
NUCLEAR POWER STATION

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

September 8, 2000
BVY-00-82

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 6.6.B of the Vermont Yankee Technical Specifications, submitted herewith is the Monthly Statistical Report for the Vermont Yankee Nuclear Power Station for the month of August, 2000.

Sincerely,

VERMONT YANKEE NUCLEAR POWER STATION

Kevin H. Bronson
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 00-08

FOR THE MONTH OF AUGUST 2000

OPERATING DATA REPORT

DOCKET NO. 50-271
DATE 000908
COMPLETED BY G.A. WALLIN
TELEPHONE (802)258-5414

OPERATING STATUS

1. Unit Name: Vermont Yankee
2. Reporting Period: August
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	5855.00	242519.00
12. Number Of Hours Reactor was Critical	744.00	5855.00	204029.46
13. Reactor Reserve Shutdown Hours	0.00	0.00	0.00
14. Hours Generator On-Line	744.00	5855.00	200516.00
15. Unit Reserve Shutdown Hours	0.00	0.00	0.00
16. Gross Thermal Energy Generated(MWH)	1144015.40	9269728.70	302830912.00
17. Gross Electrical Energy Generated(MWH)	388574.00	3185768.00	101488336.00
18. Net Electrical Energy Generated(MWH)	368584.00	3049579.00	96550137.00
19. Unit Service Factor	100.00	100.00	81.60
20. Unit Availability Factor	100.00	100.00	81.60
21. Unit Capacity Factor(Using MDC Net)	97.10	102.10	77.80
22. Unit Capacity Factor(Using DER Net)	94.90	99.80	76.20
23. Unit Forced Outage Rate	0.00	0.00	4.27

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

	Forecast	Achieved
INITIAL CRITICALITY		
INITIAL ELECTRICITY		
COMMERCIAL OPERATION		

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-271
UNIT Vermont Yankee
DATE 000908
COMPLETED BY G.A. WALLIN
TELEPHONE (802)258-5414

MONTH August

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1.	523	17.	519
2.	520	18.	512
3.	520	19.	198
4.	520	20.	252
5.	515	21.	511
6.	515	22.	511
7.	514	23.	510
8.	522	24.	506
9.	518	25.	518
10.	516	26.	511
11.	516	27.	510
12.	519	28.	507
13.	517	29.	505
14.	515	30.	507
15.	512	31.	503
16.	512		

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 AUGUST

DOCKET NO 50-271
UNIT NAME Vermont Yankee
DATE 000908
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
00-06	000819	S	0.00	B,H*	4 Power Reduction	N/A	RB	CONROD	MSIV, Turbine bypass valve, and a rod pattern exchange
00-06	000819	S	0.00	B	4 Power Reduction	N/A	CB	XXXXXX	"A" and "B" recirculation MG sets removed from service for brush replacements
00-06	000819	S	0.00	B	4 Power Reduction	N/A	RB	CONROD	Scram Solenoid Pilot Valve replacement

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
DATE 000908
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REPORT MONTH August

SUMMARY OF OPERATING EXPERIENCES

Highlights

Vermont Yankee operated at 96.5% of rated thermal power for the month. Gross electrical generation was 388,574 MWHe or 95.6% 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 99.9% of rated thermal power.

000818 At 2302 hours, reducing power to 71% with recirculation flow to perform surveillances, single rod scram testing, maintenance work, and a rod pattern exchange. (See Unit Shutdowns and Power Reductions)
000818 At 2354 hours, initiated Turbine bypass valve testing.
000819 At 0018 hours, completed Turbine bypass valve testing.
000819 At 0035 hours, initiated MSIV full closure testing.
000819 At 0105 hours, completed MSIV full closure testing.
000819 At 0115 hours, initiated a rod pattern exchange.
000819 At 0200 hours, completed the rod pattern exchange.
000819 At 0348 hours, secured the "B" recirculation pump for MG set brush replacement. (See Unit Shutdowns and Power Reductions)
000819 At 0722 hours, declared rod 34-11 inoperative for scram solenoid pilot valve replacement. (See Unit Shutdowns and Power Reductions)
000819 At 0928 hours, declared rod 34-11 operable following repair.
000819 At 0940 hours, performed post-maintenance single rod scram on rod 34-11.
000819 At 1508 hours, started the "B" recirculation pump following MG set brush replacement.
000819 At 1548 hours, secured the "A" recirculation pump for MG set brush replacement. (See Unit Shutdowns and Power Reductions)
000820 At 1453 hours, started the "A" recirculation pump following MG set brush replacement.
000820 At 1703 hours, initiated a return to full power.

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