

VERMONT YANKEE NUCLEAR POWER STATION

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

November 10, 2000
BVY-00-104

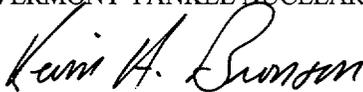
United States Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, D.C. 20555

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 October, 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 00-10

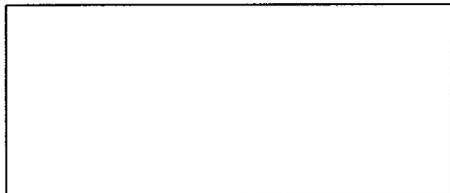
FOR THE MONTH OF OCTOBER 2000

OPERATING DATA REPORT

DOCKET NO. 50-271
 DATE 001110
 COMPLETED BY G.A. WALLIN
 TELEPHONE (802) 258-5414

OPERATING STATUS

1. Unit Name: Vermont Yankee
2. Reporting Period: October
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	745.00	7320.00	243984.00
12. Number Of Hours Reactor was Critical	745.00	7286.84	205461.30
13. Reactor Reserve Shutdown Hours	0.00	0.00	0.00
14. Hours Generator On-Line	745.00	7275.00	201936.00
15. Unit Reserve Shutdown Hours	0.00	0.00	0.00
16. Gross Thermal Energy Generated (MWH)	1180530.55	11507570.60	305068753.90
17. Gross Electrical Energy Generated (MWH)	406538.00	3949254.00	102251822.00
18. Net Electrical Energy Generated (MWH)	388436.00	3774660.00	97275218.00
19. Unit Service Factor	100.00	99.40	81.70
20. Unit Availability Factor	100.00	99.40	81.70
21. Unit Capacity Factor (Using MDC Net)	102.20	101.10	77.90
22. Unit Capacity Factor (Using DER Net)	99.90	98.80	76.30
23. Unit Forced Outage Rate	0.00	0.62	4.24

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	_____	_____

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-271
 UNIT Vermont Yankee
 DATE 001110
 COMPLETED BY G.A. WALLIN
 TELEPHONE (802) 258-5414

MONTH October

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1.	<u>513</u>	17.	<u>529</u>
2.	<u>514</u>	18.	<u>527</u>
3.	<u>492</u>	19.	<u>529</u>
4.	<u>504</u>	20.	<u>528</u>
5.	<u>511</u>	21.	<u>528</u>
6.	<u>514</u>	22.	<u>529</u>
7.	<u>524</u>	23.	<u>529</u>
8.	<u>523</u>	24.	<u>529</u>
9.	<u>522</u>	25.	<u>529</u>
10.	<u>523</u>	26.	<u>529</u>
11.	<u>524</u>	27.	<u>529</u>
12.	<u>524</u>	28.	<u>477</u>
13.	<u>527</u>	*29.	<u>551</u>
14.	<u>521</u>	30.	<u>529</u>
15.	<u>519</u>	31.	<u>529</u>
16.	<u>529</u>		*25 hour day

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 OCTOBER

DOCKET NO 50-271
 UNIT NAME Vermont Yankee
 DATE 001110
 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
00-08	001003	F	0.00	A	4 Power Reduction	N/A	CH	VALVEX	"B" feedwater regulator valve failed shut, caused by failed valve positioner.
00-09	001028	S	0.00	B,H*	4 Power Reduction	N/A	RB	CONROD	MSIV full closure, turbine bypass valve, single rod scram testing, 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

REPORT MONTH October

SUMMARY OF OPERATING EXPERIENCES

Highlights

Vermont Yankee operated at 99.4% of rated thermal power for the month. Gross electrical generation was 406,538 MWh or 99.9% 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.

- 001003 At 1922 hours, the "B" feedwater regulator valve failed shut due to a failed positioner. Power was reduced to 79%. (See Unit Shutdowns and Power Reductions)
- 001004 At 0110 hours, repairs complete on "B" feedwater regulator valve.
- 001004 At 0137 hours, a return to full power was initiated.
- 001028 At 0713 hours, reducing power to 65% to perform MSIV full closure, turbine bypass valve, single rod scram testing, and a rod pattern exchange. (See Unit Shutdowns and Power Reductions)
- 001028 At 0825 hours, completed MSIV full closure testing.
- 001028 At 0850 hours, completed turbine bypass valve testing.
- 001028 At 1205 hours, completed single rod scram testing.
- 001028 At 1215 hours, completed the rod pattern exchange.
- 001028 At 1255 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.