



Entergy Nuclear Northeast
Entergy Nuclear Operations, Inc.
Vermont Yankee
322 Governor Hunt Rd.
P.O. Box 157
Vernon, VT 05354
Tel 802-257-7711

October 10, 2003
BVY-03-91

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 September, 2003.

Sincerely,

A handwritten signature in cursive script that reads "Kevin H. Bronson".

Kevin H. Bronson
General Manager, Plant Operations

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

IE 24

VERMONT YANKEE NUCLEAR POWER STATION

MONTHLY STATISTICAL REPORT 03-09

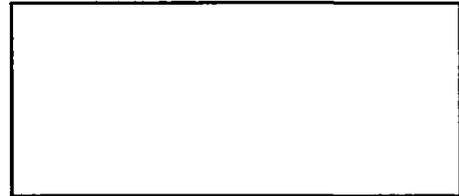
FOR THE MONTH OF SEPTEMBER 2003

OPERATING DATA REPORT

DOCKETNO. 50-271
 DATE 031010
 COMPLETED BY G.A. WALLIN
 TELEPHONE (802)258-5414

OPERATING STATUS

1. Unit Name: Vermont Yankee
2. Reporting Period: September
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	6551.00	272712.80
12. Number Of Hours Reactor was Critical	658.17	6489.17	229638.00
13. Reactor Reserve Shutdown Hours	0.00	0.00	0.00
14. Hours Generator On-Line	634.83	6465.83	225979.10
15. Unit Reserve Shutdown Hours	0.00	0.00	0.00
16. Gross Thermal Energy Generated (MWH)	970884.10	10200349.73	342580766.54
17. Gross Electrical Energy Generated (MWH)	326840.00	3483325.00	115064255.00
18. Net Electrical Energy Generated (MWH)	308413.00	3323280.00	109505639.00
19. Unit Service Factor	88.17	98.70	82.86
20. Unit Availability Factor	88.17	98.70	82.86
21. Unit Capacity Factor (Using MDC Net)	83.99	99.47	79.41
22. Unit Capacity Factor (Using DER Net)	82.06	97.18	77.79
23. Unit Forced Outage Rate	8.88	0.95	3.86
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
 Forecast Achieved

INITIAL CRITICALITY
 INITIAL ELECTRICITY
 COMMERCIAL OPERATION

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-271
 UNIT Vermont Yankee
 DATE 031010
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MONTH September

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1.	506	17.	221
2.	502	18.	277
3.	502	19.	474
4.	514	20.	500
5.	516	21.	504
6.	513	22.	504
7.	509	23.	512
8.	507	24.	525
9.	508	25.	525
10.	507	26.	515
11.	507	27.	179
12.	506	28.	0
13.	502	29.	0
14.	500	30.	0
15.	502	31.	---
16.	508		

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. 8
 Page 1 of 1
 RT No. 13.F01.18V

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH SEPTEMBER

DOCKET NO 50-271

UNIT NAME Vermont Yankee

DATE 031010

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.
03-08	030917	S	0.00	B,H*	4 Power Reduction	N/A	RB	CONROD	Turbine and MSIV valve testing, "A" recirculation MG set maintenance, and a rod pattern exchange.
03-09	030917	F	17.90	A	4 Power Reduction	N/A	CB	RELAYX	"A" recirculation MG set field breaker did not close upon restart due to time delay relay failure. Replaced failed component.
03-10	030927	F	30.20	A	1 Manual	N/A	CA	VALVEX	Manual shutdown due to drywell leakage caused by the RV-19 valve. Valve repaired.
03-11	030929	F	31.63	A	1 Manual	N/A	CB	VALVEX	Manual shutdown for "B" recirculation pump seal replacement.

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH SEPTEMBER

DOCKET NO 50-271
 UNIT NAME Vermont Yankee
 DATE 031010
 COMPLETED BY G.A. Wallin
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(Continued)

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
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 DP 0411 Rev. 8
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REPORT MONTH September

SUMMARY OF OPERATING EXPERIENCES

Highlights

Vermont Yankee operated at 84.6% of rated thermal power for the month. Gross electrical generation was 326,840 MWh or 83.1% 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.

- 030917 At 0241 hours, commenced a power reduction to 26% to perform turbine valve testing, MSIV full closure testing, "A" recirculation MG set maintenance, and a rod pattern exchange. (See Unit Shutdowns and Power Reductions)
- 030917 At 0328 hours, commenced MSIV full closure testing.
- 030917 At 0414 hours, completed MSIV full closure testing.
- 030917 At 0415 hours, commenced turbine valve testing.
- 030917 At 0520 hours, completed turbine valve testing.
- 030917 At 0655 hours, commenced a rod pattern exchange.
- 030917 At 0824 hours, completed the rod pattern exchange.
- 030917 At 1030 hours, secured the "A" recirculation MG set for maintenance.
- 030917 At 1556 hours, attempted restart of the "A" recirculation MG set following maintenance. Field breaker did not close due to time delay relay failure. Repair work ongoing. (See Unit Shutdowns and Power Reductions)
- 030918 At 0950 hours, restarted the "A" recirculation MG following time delay relay repair.
- 030918 At 0955 hours, began a return to full power.
- 030927 At 0715 hours, began a manual plant shutdown due to drywell leakage caused by the RV-19 valve. (See Unit Shutdowns and Power Reductions)
- 030927 At 1050 hours, removed the turbine-generator from the grid.
- 030927 At 1659 hours, the reactor was sub-critical.
- 030928 At 2311 hours, the reactor was critical.
- 030929 At 1622 hours, the reactor was sub-critical for "B" recirculation pump seal replacement. (See Unit Shutdowns and Power Reductions)

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