



Entergy Nuclear Northeast
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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, reading "Kevin H. Bronson".

Kevin H. Bronson
General Manager, Plant Operations

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

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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	<u>720.00</u>	<u>6551.00</u>	<u>272712.80</u>
12. Number Of Hours Reactor was Critical	<u>658.17</u>	<u>6489.17</u>	<u>229638.00</u>
13. Reactor Reserve Shutdown Hours	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>
14. Hours Generator On-Line	<u>634.83</u>	<u>6465.83</u>	<u>225979.10</u>
15. Unit Reserve Shutdown Hours	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>
16. Gross Thermal Energy Generated(MWH)	<u>970884.10</u>	<u>10200349.73</u>	<u>342580766.54</u>
17. Gross Electrical Energy Generated(MWH)	<u>326840.00</u>	<u>3483325.00</u>	<u>115064255.00</u>
18. Net Electrical Energy Generated(MWH)	<u>308413.00</u>	<u>3323280.00</u>	<u>109505639.00</u>
19. Unit Service Factor	<u>88.17</u>	<u>98.70</u>	<u>82.86</u>
20. Unit Availability Factor	<u>88.17</u>	<u>98.70</u>	<u>82.86</u>
21. Unit Capacity Factor(Using MDC Net)	<u>83.99</u>	<u>99.47</u>	<u>79.41</u>
22. Unit Capacity Factor(Using DER Net)	<u>82.06</u>	<u>97.18</u>	<u>77.79</u>
23. Unit Forced Outage Rate	<u>8.88</u>	<u>0.95</u>	<u>3.86</u>
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

VYDPF 0411.01 (Sample)
DP 0411 Rev. 8
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RT No. 13.F01.19F

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-271
UNIT Vermont Yankee
DATE 031010
COMPLETED BY G.A. WALLIN
TELEPHONE (802)258-5414

MONTH September

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1.	<u>506</u>	17.	<u>221</u>
2.	<u>502</u>	18.	<u>277</u>
3.	<u>502</u>	19.	<u>474</u>
4.	<u>514</u>	20.	<u>500</u>
5.	<u>516</u>	21.	<u>504</u>
6.	<u>513</u>	22.	<u>504</u>
7.	<u>509</u>	23.	<u>512</u>
8.	<u>507</u>	24.	<u>525</u>
9.	<u>508</u>	25.	<u>525</u>
10.	<u>507</u>	26.	<u>515</u>
11.	<u>507</u>	27.	<u>179</u>
12.	<u>506</u>	28.	<u>0</u>
13.	<u>502</u>	29.	<u>0</u>
14.	<u>500</u>	30.	<u>0</u>
15.	<u>502</u>	31.	<u>---</u>
16.	<u>508</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 (Sample)
DP 0411 Rev. 8
Page 1 of 1
RT No. 13.F01.18V

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH SEPTEMBERDOCKET NO 50-271UNIT NAME Vermont YankeeDATE 031010COMPLETED BY G.A. WallinTELEPHONE (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	<u>50-271</u>
UNIT NAME	<u>Vermont Yankee</u>
DATE	<u>031010</u>
COMPLETED BY	<u>G.A. Wallin</u>
TELEPHONE	<u>(802)258-5414</u>

(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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VYDPF 0411.03
DP 0411 Rev. 8
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DOCKET NO. 50-271
DATE 031010
COMPLETED BY G.A. WALLIN
TELEPHONE (802)258-5414

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.