

VERMONT YANKEE NUCLEAR POWER STATION

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October 10, 2000
BVY-00-92

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, 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 00-09

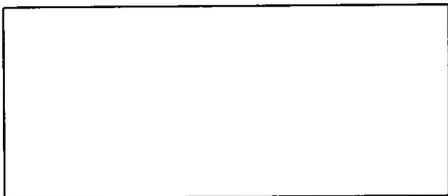
FOR THE MONTH OF SEPTEMBER 2000

OPERATING DATA REPORT

DOCKET NO. 50-271
 DATE 001010
 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	6575.00	243239.00
12. Number Of Hours Reactor was Critical	686.84	6541.84	204716.30
13. Reactor Reserve Shutdown Hours	0.00	0.00	0.00
14. Hours Generator On-Line	674.89	6530.00	201191.00
15. Unit Reserve Shutdown Hours	0.00	0.00	0.00
16. Gross Thermal Energy Generated(MWH)	1057311.40	10327040.10	303888223.40
17. Gross Electrical Energy Generated(MWH)	356948.00	3542716.00	101845284.00
18. Net Electrical Energy Generated(MWH)	336645.00	3386224.00	96886782.00
19. Unit Service Factor	93.70	99.30	81.60
20. Unit Availability Factor	93.70	99.30	81.60
21. Unit Capacity Factor(Using MDC Net)	91.70	101.00	77.80
22. Unit Capacity Factor(Using DER Net)	89.60	98.70	76.30
23. Unit Forced Outage Rate	6.27	0.69	4.26

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 001010
 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>502</u>	17.	<u>505</u>
2.	<u>500</u>	18.	<u>510</u>
3.	<u>500</u>	19.	<u>511</u>
4.	<u>501</u>	20.	<u>511</u>
5.	<u>510</u>	21.	<u>512</u>
6.	<u>511</u>	22.	<u>512</u>
7.	<u>510</u>	23.	<u>509</u>
8.	<u>504</u>	24.	<u>508</u>
9.	<u>501</u>	25.	<u>514</u>
10.	<u>502</u>	26.	<u>515</u>
11.	<u>503</u>	27.	<u>514</u>
12.	<u>503</u>	28.	<u>514</u>
13.	<u>348</u>	29.	<u>516</u>
14.	<u>0</u>	30.	<u>515</u>
15.	<u>92</u>	31.	<u>---</u>
16.	<u>375</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.

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH SEPTEMBER

DOCKET NO 50-271

UNIT NAME Vermont Yankee

DATE 001010

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
00-07	000913	F	45.11	A	2	00-04	HC	XXXXXX	Degradation of Condenser vacuum caused by SJAE valve closure.

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

VYDPF 0411.03
DP 0411 Rev. 7
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DOCKET NO. 50-271
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REPORT MONTH September

SUMMARY OF OPERATING EXPERIENCES

Highlights

Vermont Yankee operated at 92.1% of rated thermal power for the month. Gross electrical generation was 356,948 MWh or 90.7% 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.

- 000913 At 1630 hours, a manual reactor scram and turbine trip was inserted due to degrading condenser vacuum. (See Unit Shutdowns and Power Reductions)
- 000915 At 0140 hours, the reactor was critical.
- 000915 At 1337 hours, the turbine-generator was phased to the grid, and a return to full power was initiated.

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

VYDPF 0411.04 (Sample)
DP 0411 Rev. 7
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RT No. 13.F01.18X