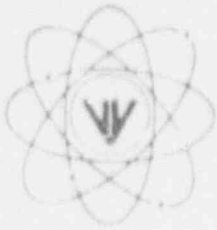


# VERMONT YANKEE NUCLEAR POWER CORPORATION



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

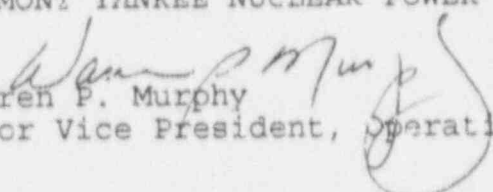
November 10, 1992  
VY-RCE-92-042  
BVY 92-126

U.S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
Washington, D.C. 20555

Dear Sir:

Submitted herewith is the Monthly Statistical Report for the  
Vermont Yankee Nuclear Power Station for the month of October, 1992.

Very truly yours,  
VERMONT YANKEE NUCLEAR POWER CORP.

  
Warren P. Murphy  
Senior Vice President, Operations

- cc: 1) USNRC  
Region I  
475 Allendale Road  
King of Prussia, PA 19406
- 2) USNRC  
Resident Inspector, VYNPS

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VERMONT YANKEE NUCLEAR POWER STATION  
MONTHLY STATISTICAL REPORT 92-10  
FOR THE MONTH OF OCTOBER, 1992

# OPERATING DATA REPORT

DOCKET NO. 50-271  
 DATE 921110  
 COMPLETED BY G.A. WALLIN  
 TELEPHONE (802)257-7711

## 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): 514 (gc) 504 (cc)

6. Maximum Dependable Capacity (Gross MWe): 535

7. Maximum Dependable Capacity (Net MWe): 504

8. If changes, occur in capacity ratings (Items Number 3 through 7) since last report, give reasons:

N/A

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>745.00</u>	<u>7320.00</u>	<u>174600.00</u>
12. Number Of Hours Reactor was Critical	<u>745.00</u>	<u>6278.79</u>	<u>142732.35</u>
13. Reactor Reserve Shutdown Hours	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>
14. Hours Generator On-Line	<u>745.00</u>	<u>6217.43</u>	<u>139790.64</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>1143414.00</u>	<u>9594960.50</u>	<u>207857498.50</u>
17. Gross Electrical Energy Gen rated	<u>383076.00</u>	<u>3180183.00</u>	<u>69240551.00</u>
18. Net Electrical Energy Generated (MWH)	<u>364512.00</u>	<u>3019516.00</u>	<u>65759799.00</u>
19. Unit Service Factor	<u>100.00</u>	<u>84.94</u>	<u>79.29</u>
20. Unit Availability Factor	<u>100.00</u>	<u>84.94</u>	<u>79.29</u>
21. Unit Capacity Factor (Using MDC Net)	<u>97.08</u>	<u>81.85</u>	<u>74.01</u>
22. Unit Capacity Factor (Using DER Net)	<u>95.19</u>	<u>80.25</u>	<u>72.57</u>
23. Unit Forced Outage Rate	<u>0.00</u>	<u>0.21</u>	<u>5.24</u>

24. Shutdowns scheduled over next 6 months (Type, Date, and Duration of Each): N/A

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

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

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DP 0411 Rev. 4

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RT No. 13.F01.19F

# AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-271  
UNIT Vermont Yankee  
DATE 921110  
COMPLETED BY G.A. WALLIN  
TELEPHONE (802)257-7711

MONTH October

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1.	<u>502</u>	17.	<u>478</u>
2.	<u>502</u>	18.	<u>508</u>
3.	<u>499</u>	19.	<u>516</u>
4.	<u>500</u>	20.	<u>516</u>
5.	<u>502</u>	21.	<u>516</u>
6.	<u>502</u>	22.	<u>517</u>
7.	<u>500</u>	23.	<u>516</u>
8.	<u>502</u>	24.	<u>516</u>
9.	<u>498</u>	*25.	<u>524</u>
10.	<u>505</u>	26.	<u>516</u>
11.	<u>506</u>	27.	<u>516</u>
12.	<u>503</u>	28.	<u>516</u>
13.	<u>503</u>	29.	<u>516</u>
14.	<u>504</u>	30.	<u>516</u>
15.	<u>192</u>	31.	<u>516</u>
16.	<u>264</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.

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

## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH OCTOBERDOCKET NO 50-271UNIT NAME Vermont YankeeDATE 921110COMPLETED BY G.A. WallinTELEPHONE (802) 257-7711

No.	Date	1 Type	Duration (hours)	2 Reason	3 Method of Shutting Down Reactor	License Event Report #	System Code 4	Component Code 5	Cause and Corrective Action to Prevent Recurrence
92-07	921015	S	0.00	B,H*	4 Power Reduction	N/A	RB	CONROD	Control Rod and weekly Turbine surveillance; MSIV testing, single rod scram testing and a Rod Pattern exchange
92-07	921015	S	0.00	B	4 Power Reduction	N/A	CB	XXXXXX	"A" and "B" recirculation MG sets removed from service for brush wear replacement and valve maintenance

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) - Control 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 921110  
COMPLETED BY G.A. WALLIN  
TELEPHONE (802)257-7711

REPORT MONTH October

## SUMMARY OF OPERATING EXPERIENCES

### Highlights

Vermont Yankee operated at 96.3% of rated thermal power for the month. Gross electrical generation was 383,076 MWh or 95.2% 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.

- 921015 At 0001 hours, the cooling towers were secured and the plant returned to an open cycle mode of operation.
- 921015 At 0002 hours, initiated a power reduction to minimum recirculation flow to perform scheduled maintenance, surveillance and single rod scram testing, and a rod pattern exchange.
- 921015 At 0008 hours, initiated control rod exercising and turbine surveillance. (See Unit Shutdowns and Power Reductions)
- 921015 At 0045 hours, completed turbine surveillance.
- 921015 At 0120 hours, completed control rod exercising.
- 921015 At 0127 hours, initiated turbine bypass valve testing. (See Unit Shutdowns and Power Reductions)
- 921015 At 0140 hours, completed turbine bypass valve testing.
- 921015 At 0232 hours, initiated MSIV testing. (See Unit Shutdowns and Power Reductions)
- 921015 At 0242 hours, completed MSIV testing.
- 921015 At 0252 hours, at 66% power initiated a rod pattern exchange and single rod scram testing. (See Unit Shutdowns and Power Reductions)
- 921015 At 0445 hours, completed the rod pattern exchange.
- 921015 At 0532 hours, secured the "A" recirculation pump for MG set brush replacement. (See Unit Shutdowns and Power Reductions)
- 921015 At 0930 hours, completed single rod scram testing.
- 921015 At 1848 hours, started the "A" recirculation pump following MG set brush replacement.
- 921015 At 1900 hours, secured the "B" recirculation pump for MG set brush replacement. (See Unit Shutdowns and Power Reductions)
- 921016 At 0753 hours, started the "B" recirculation pump following MG set brush replacement and began a return to full power.

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