



VERMONT YANKEE NUCLEAR POWER CORPORATION

P. O. BOX 157
GOVERNOR HUNT ROAD
VERNON, VERMONT 05354

November 10, 1989
VYV-89-

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, 1989.

Very truly yours,

VERMONT YANKEE NUCLEAR POWER CORP.

Warren P. Murphy
Warren P. Murphy

Vice President and
Manager of Operations

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

DP 0411 Rev. 2

Page 1 of 1

8911170186 891031
PDR ADOCK 05000271
R PDC

IE24
1/1

VERMONT YANFEE NUCLEAR POWER STATION
MONTHLY STATISTICAL REPORT 89-10
FOR THE MONTH OF OCTOBER, 1989

OPERATING DATA REPORT

DOCKET NO. 50-271
 DATE 891110
 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(oc) 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	745.00	7296.00	-----
12. Number Of Hours Reactor was Critical	745.00	5952.18	119201.86
13. Reactor Reserve Shutdown Hours	0.00	0.00	0.00
14. Hours Generator On-Line	745.00	5909.65	116513.07
15. Unit Reserve Shutdown Hours	0.00	0.00	0.00
16. Gross Thermal Energy Generated(MWH)	1184679.00	9043925.00	171740631.00
17. Gross Electrical Energy Generated	401718.00	3021420.00	57183791.00
18. Net Electrical Energy Generated(MWH)	383160.00	2868222.00	54277144.00
19. Unit Service Factor	100.00	81.00	77.67
20. Unit Availability Factor	100.00	81.00	77.67
21. Unit Capacity Factor(Using MDC Net)	102.05	78.00	71.79
22. Unit Capacity Factor(Using DER Net)	100.06	76.48	70.40
23. Unit Forced Outage Rate	0.00	0.00	5.79
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. 50-217
 UNIT Vermont Yankee
 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.	503	17.	519
2.	508	18.	519
3.	508	19.	519
4.	510	20.	520
5.	512	21.	520
6.	508	22.	517
7.	507	23.	520
8.	507	24.	520
9.	509	25.	520
10.	510	26.	520
11.	512	27.	520
12.	512	28.	520
13.	513	29.	537 (25 hr. day)
14.	512	30.	519
15.	509	31.	520
16.	518		

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.

VYDF 0411.02
 DP 0411 Rev. 2
 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 891110
 COMPLETED BY C.A. Wallin
 TELEPHONE (802)257-7711

No.	Date	1 Type	Duration (hours)	2 Reason	Method of Shutting Down Reactor 3	License Event Report#	System Code 4	Component Code 5	Cause and Corrective Action to Prevent Recurrence
None									

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 Licensee
 Event Report (LER) File
 (NUREG 0161)

5 Exhibit I - Same Source

DOCKET NO. 50-271
UNIT Vermont Yankee
DATE 991110
COMPLETED BY C.A. Wallin
TELEPHONE (802)257-7711

REPORT MONTH October

SUMMARY OF OPERATING EXPERIENCES

Highlights

Vermont Yankee operated at 99.8% of rated thermal power for the month.
Gross electrical generation was 401,718 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.

891015 At 0003 hours, the cooling towers were secured and the plant returned to an open cycle mode of operation.

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

VYDPF 0411.04
DP 0411 Rev. 2
Page 1 of 1
RT No. 13.F01.18X