

VERMONT YANKEE NUCLEAR POWER CORPORATION

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

January 10, 1990
VYV 90-002

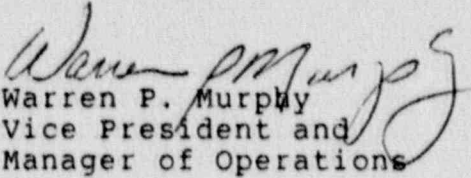
U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, D.C. 20555

Dear Sir:

Submitted herewith is the Monthly Statistical Report for the Vermont Yankee Nuclear Power Station for the month of December, 1989.

Very truly yours,

VERMONT YANKEE NUCLEAR POWER CORP.


Warren P. Murphy
Vice President and
Manager of 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 89-12
FOR THE MONTH OF DECEMBER, 1989

OPERATING DATA REPORT

DOCKET NO. 50-271
 DATE 900110
 COMPLETED BY G.A. Wallin
 TELEPHONE (802)257-7711

OPERATING STATUS

1. Unit Name: Vermont Yankee
2. Reporting Period: December
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

NOTES:

	This Month	Yr-to-Date	Cumulative
11. Hours In Reporting Period	744.00	8760.00	-----
12. Number Of Hours Reactor was Critical	744.00	7416.18	120665.86
13. Reactor Reserve Shutdown Hours	0.00	0.00	0.00
14. Hours Generator On-Line	744.00	7373.65	117977.07
15. Unit Reserve Shutdown Hours	0.00	0.00	0.00
16. Gross Thermal Energy Generated(MWH)	1164153.50	11312850.50	174009556.50
17. Gross Electrical Energy Generated	395359.00	3791518.00	57953889.00
18. Net Electrical Energy Generated(MWH)	379294.00	3606777.00	55015699.00
19. Unit Service Factor	100.00	34.17	77.89
20. Unit Availability Factor	100.00	84.17	77.89
21. Unit Capacity Factor(Using MDC Net)	101.15	81.69	72.07
22. Unit Capacity Factor(Using DER Net)	99.18	80.10	70.67
23. Unit Forced Outage Rate	0.00	0.00	5.72
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	_____	_____

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-271
 UNIT Vermont Yankee
 DATE 900110
 COMPLETED BY G.A. Wallin
 TELEPHONE (802)257-7711

MONTH December

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1.	520	17.	510
2.	520	18.	515
3.	517	19.	519
4.	519	20.	519
5.	519	21.	518
6.	519	22.	519
7.	519	23.	518
8.	519	24.	515
9.	438	25.	519
10.	416	26.	519
11.	477	27.	519
12.	516	28.	519
13.	517	29.	519
14.	518	30.	519
15.	519	31.	516
16.	488		

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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RT No. 13.F01.18V

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH DECEMBER

DOCKET NO 50-271
 UNIT NAME Vermont Yankee
 DATE 800110
 COMPLETED BY G.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
89-10	891209	S	0.00	H*	4 Power Reduction	N/A	RB	CONROD	Rod Pattern adjustment.

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 Adjustment

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 900110
COMPLETED BY G.A. Wallin
TELEPHONE (802)257-7711

REPORT MONTH December

SUMMARY OF OPERATING EXPERIENCES

Highlights

Vermont Yankee operated at 98.2% of rated thermal power for the month. Gross electrical generation was 395,359 MWh or 98.4% 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.

- 891209 At 1200 hours, initiated a power reduction to minimum recirculation flow to perform a rod pattern adjustment.
- 891209 At 1440 hours, at 65% power initiated a rod pattern adjustment. (See Unit Shutdowns and Power Reductions)
- 891209 At 1628 hours, completed the rod pattern adjustment.
- 891209 At 1950 hours, began a return to full power.

At the end of the reporting period the plant was operating at 99.2% of rated thermal power.

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