

VERMONT YANKEE NUCLEAR POWER CORPORATION

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

February 10, 1990
VYV 90-021

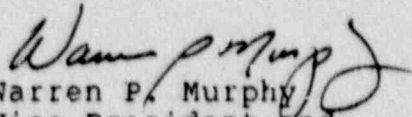
U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, D.C. 20555

Dear Sir:

Submitted herewith is the Monthly Statistical Report for the Vermont Yankee Nuclear Power Station for the month of January, 1990.

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 90-01
FOR THE MONTH OF JANUARY, 1990

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OPERATING DATA REPORT

DOCKET NO. 50-271
 DATE 900210
 COMPLETED BY G.A. Wallin
 TELEPHONE (802)257-7711

OPERATING STATUS

1. Unit Name: Vermont Yankee
2. Reporting Period: January
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	744.00	-----
12. Number Of Hours Reactor was Critical	744.00	744.00	121409.86
13. Reactor Reserve Shutdown Hours	0.00	0.00	0.00
14. Hours Generator On-Line	744.00	744.00	118721.07
15. Unit Reserve Shutdown Hours	0.00	0.00	0.00
16. Gross Thermal Energy Generated(MWH)	1163410.50	1163410.50	175172967.00
17. Gross Electrical Energy Generated	395211.00	395211.00	5839100.00
18. Net Electrical Energy Generated(MWH)	379246.00	379246.00	55394945.00
19. Unit Service Factor	100.00	100.00	78.00
20. Unit Availability Factor	100.00	100.00	78.00
21. Unit Capacity Factor(Using MDC Net)	101.14	101.14	72.21
22. Unit Capacity Factor(Using DER Net)	99.17	99.17	70.81
23. Unit Forced Outage Rate	0.00	0.00	5.69

24. Shutdowns scheduled over next 6 months(Type, Date, and Duration of Each): Maintenance shutdown scheduled for mid-March to last four or five days.

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

INITIAL CRITICALITY
 INITIAL ELECTRICITY
 COMMERCIAL OPERATION

Forecast	Achieved
_____	_____
_____	_____
_____	_____

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-271
 UNIT Vermont Yankee
 DATE 900210
 COMPLETED BY G.A. Wallin
 TELEPHONE (802)257-7711

MONTH January

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1.	519	17.	520
2.	519	18.	520
3.	521	19.	520
4.	519	20.	520
5.	519	21.	517
6.	363	22.	519
7.	444	23.	519
8.	502	24.	519
9.	519	25.	519
10.	519	26.	519
11.	519	27.	519
12.	519	28.	475
13.	520	29.	519
14.	517	30.	520
15.	520	31.	519
16.	520		

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 JANUARY

DOCKET NO 50-271
 UNIT NAME Vermont Yankee
 DATE 900210
 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
90-01	900106	S	0.00	B,H*	4 Power Reduction	N/A	RB	CONROD	Turbine surveillance and a Rod Pattern exchange.

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 Licensee
 Event Report (LER) File
 (NUREG 0161)

5 Exhibit I - Same Source

DOCKET NO. 50-271
UNIT Vermont Yankee
DATE 900210
COMPLETED BY G.A. Wallin
TELEPHONE (802)257-7711

REPORT MONTH January

SUMMARY OF OPERATING EXPERIENCES

Highlights

Vermont Yankee operated at 98.2% of rated thermal power for the month. Gross electrical generation was 395,211 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 99.8% of rated thermal power.

- 900106 At 0215 hours, initiated a power reduction to minimum recirculation flow to perform a rod pattern exchange.
- 900106 At 0307 hours, started turbine surveillance at 62.5% power. (See Unit Shutdowns and Power Reductions)
- 900106 At 0312 hours, completed turbine surveillance.
- 900106 At 0331 hours, initiated a rod pattern exchange. (See Unit Shutdowns and Power Reductions)
- 900106 At 0538 hours, completed the rod pattern exchange.
- 900106 At 0800 hours, began a return to full power.

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

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