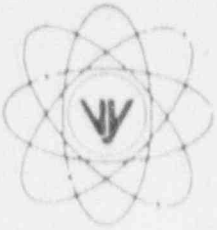


VERMONT YANKEE NUCLEAR POWER CORPORATION



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

April 10, 1991
VYV 91-095

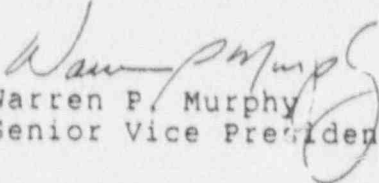
U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, D.C. 20555

Dear Sir:

Submitted herewith is the Monthly Statistical Report for the
Vermont Yankee Nuclear Power Station for the month of March, 1991.

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 91-03
FOR THE MONTH OF MARCH, 1991

OPERATING DATA REPORT

DOCKET NO. 50-271
DATE 910410
COMPLETED BY W.A. Wallin
TELEPHONE (802)257-7711

OPERATING STATUS

1. Unit Name: Vermont Yankee
2. Reporting Period: March
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	2160.00	160680.00
12. Number Of Hours Reactor was Critical	659.90	2075.90	130264.53
13. Reactor Reserve Shutdown Hours	0.00	0.00	0.00
14. Hours Generator On-Line	632.30	2048.30	127419.90
15. Unit Reserve Shutdown Hours	0.00	0.00	0.00
16. Gross Thermal Energy Generated(MWH)	993650.00	3222381.50	188537686.50
17. Gross Electrical Energy Generated	334039.60	1086309.00	62833804.00
18. Net Electrical Energy Generated(MWH)	320444.00	1042308.00	59674278.00
19. Unit Service Factor	84.99	94.83	78.47
20. Unit Availability Factor	84.99	94.83	78.47
21. Unit Capacity Factor(Using MDC Net)	85.46	95.74	72.91
22. Unit Capacity Factor(Using DER Net)	83.79	93.88	71.50
23. Unit Forced Outage Rate	15.01	17.17	5.51
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

INITIAL CRITICALITY
INITIAL ELECTRICITY
COMMERCIAL OPERATION

Forecast	Achieved
_____	_____
_____	_____
_____	_____

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-271
UNIT Vermont Yankee
DATE 910410
COMPLETED BY G.A. Wallin
TELEPHONE (802)257-7711

MONTH March

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1.	517	17.	0
2.	516	18.	85
3.	515	19.	484
4.	516	20.	514
5.	516	21.	515
6.	515	22.	515
7.	515	23.	515
8.	515	24.	515
9.	515	25.	515
10.	514	26.	515
11.	513	27.	516
12.	464	28.	514
13.	478	29.	514
14.	0	30.	514
15.	0	31.	514
16.	0		

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.

VYDPF 0411.02

DP 0411 Rev. 3

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RT No. 13.F01.18V

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH MARCH

DOCKET NO 50-271
 UNIT NAME Vermont Yankee
 DATE 910410
 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 Reports	System Code 4	Component Code 5	Cause and Corrective Action to Prevent Recurrence
91-02	910312	S	0.00	B,H	N/A	N/A	RB	CONROD	Turbine bypass valve testing, rod pattern exchange and scheduled maintenance.
91-03	910313	F	103.95	A	3	91-05	EA	CKTBRE	Reactor scrammed due to a switchyard ground and resultant generator full load reject.
91-04	910317	F	7.75	A	1	N/A	CF	VALVEX	Excessive drywell leakage rate caused by RHR-46A valve. Valve bonnet was tightened.

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

REPORT MONTH March

SUMMARY OF OPERATING EXPERIENCES

Highlights

Vermont Yankee operated at 83.8% of rated thermal power for the month. Gross electrical generation was 334,039 MWh or 83.1% 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.

- 910312 At 0715 hours, initiated a power reduction to 70% to perform turbine bypass valve testing, a rod pattern exchange and scheduled maintenance on the 381 transmission line.
- 910312 At 0950 hours, at 70% power initiated turbine bypass valve testing. (See Unit Shutdowns and Power Reductions)
- 910312 At 1005 hours, completed turbine bypass valve testing and initiated a rod pattern exchange. (See Unit Shutdowns and Power Reductions)
- 910312 At 1224 hours, completed the rod pattern exchange. Remaining at 79% power until maintenance of the 381 transmission line is concluded.
- 910312 At 1454 hours, completed 381 transmission line maintenance and began a return to full power.
- 910313 At 2228 hours, the reactor scrammed due to a switchyard ground and resultant generator full load reject. (See Unit Shutdowns and Power Reductions)
- 910317 At 0249 hours, the reactor was critical.
- 910317 At 1710 hours, the reactor was sub-critical to repair a leak on the RHR-46A valve. (See Unit Shutdowns and Power Reductions)
- 910318 At 0055 hours, following valve repairs the reactor was critical and a return to full power was initiated.
- 910318 At 1410 hours, the turbine-generator was phased to the grid.

At the end of the reporting period the plant was operating at 99.8% of rated thermal power.