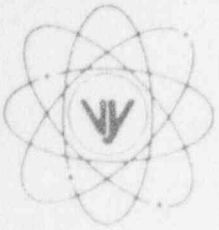


VERMONT YANKEE NUCLEAR POWER CORPORATION



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

November 10, 1994
VY-RCE-94-027

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

Reference: a) License No. DPR-28 (Docket No. 50-271)

In accordance with section 6.7.A.3 of the Vermont Yankee Technical Specifications, submitted herewith is the Monthly Statistical Report for the Vermont Yankee Nuclear Power Station for the month of October, 1994.

Sincerely,

Vermont Yankee Nuclear Power Corp.

Donald A. Reid
Vice President, Operations

cc: USNRC Region I Administrator
USNRC Resident Inspector - VYNPS
USNRC Project Manager - VYNPS

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VERMONT YANKEE NUCLEAR POWER STATION

MONTHLY STATISTICAL REPORT 94-10

FOR THE MONTH OF OCTOBER 1994

OPERATING DATA REPORT

DOCKET NO. 50-271
DATE 941110
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	192120.00
12. Number Of Hours Reactor was Critical	672.13	7182.25	157679.66
13. Reactor Reserve Shutdown Hours	0.00	0.00	0.00
14. Hours Generator On-Line	643.32	7137.49	155253.11
15. Unit Reserve Shutdown Hours	0.00	0.00	0.00
16. Gross Thermal Energy Generated (MWH)	975786.50	11137496.20	231843167.70
17. Gross Electrical Energy Generated	326556.00	3729473.00	77248855.00
18. Net Electrical Energy Generated (MWH)	311316.00	3558132.00	73405156.00
19. Unit Service Factor	86.35	97.83	80.10
20. Unit Availability Factor	86.35	97.83	80.10
21. Unit Capacity Factor (Usir: MDC Net)	82.91	96.76	75.14
22. Unit Capacity Factor (Usir: DER Net)	81.30	94.88	73.68
23. Unit Forced Outage Rate	6.90	1.44	5.01

24. Shutdowns scheduled over next 6 months (Type, Date, and Duration of Each): 1995 Refueling Outage scheduled to begin on March 18, 1995 and last for a six week period.

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 941110
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.	511	17.	367
2.	509	18.	510
3.	472	19.	519
4.	0	20.	516
5.	0	21.	515
6.	204	22.	516
7.	477	23.	516
8.	499	24.	516
9.	508	25.	516
10.	510	26.	341
11.	511	27.	388
12.	510	28.	509
13.	507	29.	516
14.	454	*30.	516
15.	4	31.	513
16.	0		

*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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DP 0411 Rev. 5
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RT No. 13.F01.18V

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH OCTOBERDOCKET NO 50-271UNIT NAME Vermont YankeeDATE 941110COMPLETED BY G.A. WallinTELEPHONE (802)257-7711

No.	Date	1 Type	Duration (hours)	2 Reason	3 Method of Shutting Down Reactor	License Event Report #	4 System Code	5 Component Code	Cause and Corrective Action to Prevent Recurrence
94-11	941004	S	54.00	B	1	N/A	EB	INSTRU	Vital AC auto bus transfer problem. Repairs made to voltage regulator
94-12	941015	F	47.68	B	1	94-13	WB	VALVEX	Combination of Service Water leak on the heat exchanger and "B" RBCCW bypass valve stuck open. Line isolated, blanked off
94-13	941026	F	0.00	A	4 Power Reduction	N/A	HF	FILTER	Circulation water travelling screens damaged by excessive river debris. Screens repaired

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 License Event Report (LER) File (NUREG 0161)

5 Exhibit I - Same Source

REPORT MONTH October

SUMMARY OF OPERATING EXPERIENCES

Highlights

Vermont Yankee operated at 82.2% of rated thermal power for the month. Gross electrical generation was 326,556 MWh or 81.2% 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.

- 941003 At 2100 hours, initiated a power reduction for a scheduled mini-outage. (See Unit Shutdowns and Power Reductions)
- 941004 At 0007 hours, the turbine-generator was removed from the grid.
- 941004 At 0335 hours, the reactor was sub-critical.
- 941005 At 2119 hours, the reactor was critical following the mini-outage.
- 941006 At 0607 hours, the turbine-generator was phased to the grid and a return to full power was initiated.
- 941014 At 1935 hours, initiated a plant shutdown due to Technical Specification requirements, to blank off the "B" Reactor Building Closed Cooling Water bypass valve. (See Unit Shutdowns and Power Reductions)
- 941015 At 0001 hours, the cooling towers were secured and the plant returned to an open cycle mode of operation.
- 941015 At 0210 hours, the turbine-generator was removed from the grid.
- 941015 At 0457 hours, the reactor was sub-critical.
- 941016 At 1205 hours, the reactor was critical following repairs.
- 941017 At 0151 hours, the turbine-generator was phased to the grid and a return to full power was initiated.
- 941026 At 1007 hours, initiated a power reduction to minimum recirculation flow to repair circulation water travelling screens damaged by excessive accumulation of river debris. (See Unit Shutdowns and Power Reductions)
- 941027 At 0605 hours, a return to full power was initiated following travelling screen repairs.

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