

VERMONT YANKEE NUCLEAR POWER STATION
MONTHLY STATISTICAL REPORT 84-02
FOR THE MONTH OF FEBRUARY, 1984

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PDR ADCK 05000271
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OPERATING DATA REPORT

DOCKET NO. 50-271
DATE 840309
COMPLETED BY F. J. Burger
TELEPHONE (802) 257-7711

OPERATING STATUS

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

Notes

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	696.00	1440.00	
12. Number Of Hours Reactor Was Critical	696.00	1332.61	81031.26
13. Reactor Reserve Shutdown Hours	0.00	0.00	0.00
14. Hours Generator On-Line	696.00	1306.70	78799.28
15. Unit Reserve Shutdown Hours	0.00	0.00	0.00
16. Gross Thermal Energy Generated(MWH)	1103861.00	2028043.00	114188722.50
17. Gross Electrical Energy Generated(MWH)	376040.00	688148.00	37981226.00
18. Net Electrical Energy Generated(MWH)	361147.00	660655.00	36025671.00
19. Unit Service Factor	100.00	90.74	78.56
20. Unit Availability Factor	100.00	90.74	78.56
21. Unit Capacity Factor(Using MDC Net)	102.95	91.03	71.27
22. Unit Capacity Factor(Using DER Net)	100.95	89.26	69.88
23. Unit Forced Outage Rate	0.00	9.26	7.41

24. Shutdowns Scheduled Over Next 6 Months(Type, Date, and Duration of Each):
Refueling and Maintenance Outage scheduled to start 6/16/84 and last 8 weeks.

25. If Shut Down At End Of Report Period, Estimated Date of Startup: _____
26. Units In Test Status(Prior to Commercial Operation):

	Forecast	Achieved
INITIAL CRITICALITY	_____	_____
INITIAL ELECTRICITY	_____	_____
COMMERCIAL OPERATION	_____	_____

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-271

UNIT Vermont Yankee

DATE 840309

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MONTH February, 1984

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1.	<u>520</u>
2.	<u>520</u>
3.	<u>520</u>
4.	<u>521</u>
5.	<u>515</u>
6.	<u>521</u>
7.	<u>521</u>
8.	<u>520</u>
9.	<u>518</u>
10.	<u>519</u>
11.	<u>519</u>
12.	<u>509</u>
13.	<u>519</u>
14.	<u>520</u>
15.	<u>520</u>
16.	<u>521</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17.	<u>521</u>
18.	<u>521</u>
19.	<u>509</u>
20.	<u>521</u>
21.	<u>521</u>
22.	<u>521</u>
23.	<u>521</u>
24.	<u>521</u>
25.	<u>521</u>
26.	<u>509</u>
27.	<u>520</u>
28.	<u>521</u>
29.	<u>521</u>
30.	<u> </u>
31.	<u> </u>

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.

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH February

DOCKET NO 50-271
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No.	Date	Typed ¹	Duration (Hours)	Reason ²	Method of Shutting ³ Down Reactor	License Event Report#	System Code ⁴	Component Code ⁵	Cause & 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 & License Examination
 F-Administrative
 G-Operational Error (Explain)
 H-Other (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

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SAFETY RELATED MAINTENANCE

EQUIPMENT	NATURE OF MAINTENANCE	LER OR OUTAGE NUMBER	MALFUNCTION		CORRECTIVE ACTION
			CAUSE	RESULT	
PCIS Pressure Switches 16-19-32A/B	Surveillance Testing	LER 84-02	Set Point Drift	Set Point Out of Spec.	Recalibrated Switches

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REPORT MONTH February

SUMMARY OF OPERATING EXPERIENCES

Highlights

Vermont Yankee operated at 99.56% of rated thermal power for the month. Gross electrical generation was 376,040 MWh_e or 100.05% of design electrical capacity.

Operating Summary

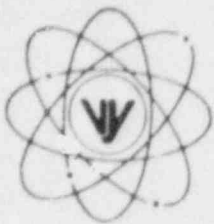
The following is a chronological description of plant operations including other pertinent items of interest for the month:

At the beginning of the reporting period the Plant was operating at 99.93% of rated thermal power.

There were no reportable items of interest for the month.

At the end of the reporting period the Plant was operating at 99.87% of rated thermal power.

VERMONT YANKEE NUCLEAR POWER CORPORATION



(802) 257-5271

RD 5, Box 169, Ferry Road, Brattleboro, VT 05301

VY 84-067

March 9, 1984

U.S. Nuclear Regulatory Commission
Director, Office of Management
Information & Program Control
Washington, D.C. 20555

Dear Sir:

Submitted herewith is the Monthly Statistical Report for the Vermont Yankee Nuclear Power Station for the month of February 1984.

Very truly yours,

VERMONT YANKEE NUCLEAR POWER CORP.

Warren P. Murphy
Warren P. Murphy
Vice President and
Manager of Operations

WPM:FJB/dm

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