

VERMONT YANKEE NUCLEAR POWER STATION
MONTHLY STATISTICAL REPORT 83-02
FOR THE MONTH OF FEBRUARY, 1983

OPERATING DATA REPORT

DOCKET NO. 50-271
 DATE 830309
 COMPLETED BY F.J. Burger
 TELEPHONE 802/257-7711
 Ext. 136

OPERATING STATUS

Notes

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

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	672.00	1,416.00	—
12. Number Of Hours Reactor Was Critical	672.00	1,375.36	74,918.35
13. Reactor Reserve Shutdown Hours	0.00	0.00	0.00
14. Hours Generator On-Line	672.00	1,363.20	72,782.89
15. Unit Reserve Shutdown Hours	0.00	0.00	0.00
16. Gross Thermal Energy Generated(MWH)	890,193.00	1,869,985.50	104,909,228.00
17. Gross Electrical Energy Generated(MWH)	297,611.00	626,940.00	34,888,087.00
18. Net Electrical Energy Generated(MWH)	284,117.00	599,279.00	33,089,820.00
19. Unit Service Factor	100.00	96.27	79.53
20. Unit Availability Factor	100.00	96.27	79.53
21. Unit Capacity Factor(Using MDC Net)	83.89	83.97	71.74
22. Unit Capacity Factor(Using DER Net)	82.26	82.34	70.35
23. Unit Forced Outage Rate	0.00	3.73	6.31

24. Shutdowns Scheduled Over Next 6 Months(Type, Date, and Duration of Each):
An eight week refueling outage is scheduled to start March 5, 1983.

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 830309

COMPLETED BY F.J. Burger

TELEPHONE 802/257-7711 Ext. 136

MONTH February

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1.	450
2.	437
3.	449
4.	445
5.	443
6.	442
7.	441
8.	440
9.	436
10.	432
11.	430
12.	428
13.	428
14.	426
15.	424
16.	422

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17.	420
18.	420
19.	419
20.	419
21.	418
22.	413
23.	412
24.	286
25.	430
26.	410
27.	408
28.	406
29.	----
30.	----
31.	----

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
 UNIT NAME Vermont Yankee
 DATE 830309
 COMPLETED BY F.J. Burger
 TELEPHONE 802/257-7711 Ext. 136

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
83-03	830224	F	0	B	4 (Power Reduction)	N/A	CH	PUMPXX	Power reduction to repair leakage in the "B" reactor feed pump.

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

DOCKET NO. 50-271
 UNIT Vermont Yankee
 DATE 830309
 COMPLETED BY F.J. Burger
 TELEPHONE 802/257-7711 Ext. 136

SAFETY RELATED MAINTENANCE

Page 1 of 1

EQUIPMENT	NATURE OF MAINTENANCE	LER OR OUTAGE NUMBER	MALFUNCTION		CORRECTIVE ACTION
			CAUSE	RESULT	
Nitrogen Makeup Valves V16-20-20 and V16-20-22B	Corrective MR 83-0147	LER 83-5/1T	See LER	Valves Failed to Close	Disassembled and Cleaned Valves. See LER,
RCIC Valve V13-18	Corrective MR 83-0218	LER 83-6/1P	See LER	Valve Failed to Close	See LER.
RCIC Relay 16AK3C	Corrective MR 83-0227	N/A	Failed Parts	Relay Failed	Replaced Parts as Necessary.

DOCKET NO. 50-271
UNIT Vermont Yankee
DATE 830309
COMPLETED BY F.J. Burger
TELEPHONE 802/257-7711 Ext. 136

REPORT MONTH February

SUMMARY OF OPERATING EXPERIENCES

Highlights

Vermont Yankee operated at 83.16% of rated thermal power for the month. Gross electrical generation was 297,611 MWh_e or 82.01% 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 87.72% of rated thermal power. The coastdown toward the March, 1983 refueling outage was in progress.

830224 At 0030 hrs, a power reduction was initiated for the repair of the "B" reactor feed pump.

820224 At 1808 hrs, a return to power was started.

At the end of the reporting period the plant was operating at 80.31% of rated thermal power. The coastdown toward the March, 1983 refueling outage is continuing.