Sienel, Beth

From: Hogan, Angela
Sent: Tuesday, March 11, 2003 3:54 PM
To: Sienel, Beth
Subject: Entergy Nuclear Northeast Vermont Yankee MSR February 2003

MSR_FEBRUARY_2003.pdf (134 KB)...

Attached please find the ENVY Monthly Statistical Report for February 2003.

If you have any questions please contact me.

Entergy Nuclear Northeast Vermont Yankee

Angela M. Hogan
Technical Support - DCC
(802) 451-3129

A-74

Entergy

Entergy Nuclear Northeast
Entergy Nuclear Operations, Inc.
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March 10, 2003
BVY-03-21

United States 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 6.6.B of the Vermont Yankee Technical Specifications, submitted herewith is the Monthly Statistical Report for the Vermont Yankee Nuclear Power Station for the month of February, 2003.

Sincerely,

Kevin H. Bronson
General Manager, Plant Operations

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

VERMONT YANKEE NUCLEAR POWER STATION

MONTHLY STATISTICAL REPORT 03-02

FOR THE MONTH OF FEBRUARY 2003

OPERATING DATA REPORT

DOCKET NO. 50-271
DATE 030310
COMPLETED BY G.A. WALLIN
TELEPHONE (802)258-5414

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): 522
6. Maximum Dependable Capacity(Gross MWe): 535
7. Maximum Dependable Capacity(Net MWe): 510
8. If changes, occur in capacity ratings(Items Number 3 through 7) since last report, give reasons:
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	1416.00	264384.00
12. Number Of Hours Reactor was Critical	672.00	1416.00	224564.83
13. Reactor Reserve Shutdown Hours	0.00	0.00	0.00
14. Hours Generator On-Line	672.00	1416.00	220929.78
15. Unit Reserve Shutdown Hours	0.00	0.00	0.00
16. Gross Thermal Energy Generated(MWH)	1034855.90	2219242.35	334599659.17
17. Gross Electrical Energy Generated(MWH)	357388.00	767578.00	112348508.00
18. Net Electrical Energy Generated(MWH)	343479.00	737649.00	106920008.00
19. Unit Service Factor	100.00	100.00	82.60
20. Unit Availability Factor	100.00	100.00	82.60
21. Unit Capacity Factor(Using MDC Net)	100.20	102.10	79.00
22. Unit Capacity Factor(Using DER Net)	97.90	99.80	77.40
23. Unit Forced Outage Rate	0.00	0.00	3.91

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

	Forecast	Achieved
INITIAL CRITICALITY		
INITIAL ELECTRICITY		
COMMERCIAL OPERATION		

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-271
UNIT Vermont Yankee
DATE 030310
COMPLETED BY G.A. WALLIN
TELEPHONE (802)258-5414

MONTH February

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1.	530	17.	530
2.	530	18.	530
3.	530	19.	530
4.	530	20.	531
5.	530	21.	530
6.	530	22.	530
7.	530	23.	530
8.	530	24.	530
9.	530	25.	530
10.	530	26.	530
11.	232	27.	529
12.	358	28.	530
13.	489	29.	---
14.	514	30.	---
15.	529	31.	---
16.	529		

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 030310
COMPLETED BY G.A. Wallin
TELEPHONE (802)258-5414

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
03-01	030211	S	0.00	B,H*	4 Power Reduction	N/A	RB	CONROD	Turbine bypass and MSIV testing, 06-23 HCU accumulator replacement, single rod scram testing, 79-40 breaker SF-6 leak repair, recirc "B" MG scoop tube lock up and "A" condensate pump maintenance, "C" feedpump seal replacement, and a rod pattern exchange.
03-02	030213	S	0.00	H*	4 Power Reduction	N/A	RB	CONROD	Power reduction for a rod pattern adjustment.

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/adjustment

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

VYDPF 0411.03
DP 0411 Rev. 8

DOCKET NO. 50-271
DATE 030310
COMPLETED BY G.A. WALLIN
TELEPHONE (802)258-5414

REPORT MONTH February

SUMMARY OF OPERATING EXPERIENCES

Highlights

Vermont Yankee operated at 96.6 of rated thermal power for the month. Gross electrical generation was 357,388 MWHe or 97.4% 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 99.9% of rated thermal power.

030211 At 0200 hours, reducing power to 27% to perform turbine bypass valve testing, MSIV full closure testing, 06-23 HCU accumulator replacement, single rod scram post-maintenance testing, 79-40 breaker SF-6 leak repair, recirc "B" MG scoop tube lock up and "A" condensate pump maintenance, "C" feedpump seal replacement, and a rod pattern exchange. (See Unit Shutdowns and Power Reductions)
030211 At 0309 hours, secured the "A" condensate pump for maintenance.
030211 At 0330 hours, completed MSIV full closure testing.
030211 At 0400 hours, #3 turbine stop valve declared inoperative as found during testing. Under investigation and repair.
030211 At 0710 hours, opened 79-40 breaker for leak repair.
030211 At 0719 hours, commenced a rod pattern exchange.
030211 At 0808 hours, secured the "C" feed pump for seal replacement.
030211 At 0951 hours, completed the rod pattern exchange.
030211 At 1311 hours, closed 79-40 breaker following leak repair.
030211 At 1445 hours, declared control rod 06-23 inoperable for accumulator replacement.
030211 At 1931 hours, declared #3 turbine stop valve operable.
030211 At 2140 hours, secured the "B" recirculation pump for MG scoop tube lock up maintenance.
030212 At 0247 hours, started the "B" recirculation pump following MG scoop tube lock up maintenance.
030212 At 0341 hours, started the "A" condensate pump following repairs.
030212 At 0355 hours, performing single rod scram testing on 06-23 rod following accumulator replacement.
030212 At 0414 hours, scram testing satisfactorily completed, HCU 06-23 declared operable.
030212 At 0945 hours, completed turbine bypass valve testing.
030212 At 1135 hours, commenced a return to full power.
030213 At 2000 hours, reduced power to 69% for a rod pattern adjustment. (See Unit Shutdowns and Power Reductions)
030213 At 2200 hours, completed the rod pattern adjustment and began a return to full power.

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