

VERMONT YANKEE NUCLEAR POWER STATION
MONTHLY STATISTICAL REPORT 88-09
FOR THE MONTH OF SEPTEMBER, 1988

DP 0411 Rev. 2
Page 1 of 1

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OPERATING DATA REPORT

DOCKET NO. 50-271
 DATE 881010
 COMPLETED BY G.A. Wallin
 TELEPHONE (802)257-7711

OPERATING STATUS

1. Unit Name: Vermont Yankee
2. Reporting Period: September
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	720.00	6575.00	-----
12. Number Of Hours Reactor was Critical	720.00	6195.32	111040.68
13. Reactor Reserve Shutdown Hours	0.00	0.00	0.00
14. Hours Generator On-Line	720.00	6125.15	108394.42
15. Unit Reserve Shutdown Hours	0.00	0.00	0.00
16. Gross Thermal Energy Generated(MWH)	1137252.00	9534773.00	159275484.50
17. Gross Electrical Energy Generated	373117.00	3168761.00	53008705.00
18. Net Electrical Energy Generated(MWH)	350510.00	3011340.00	50306427.00
19. Unit Service Factor	100.00	93.16	77.15
20. Unit Availability Factor	100.00	93.16	77.15
21. Unit Capacity Factor(Using MDC Net)	96.59	90.87	71.04
22. Unit Capacity Factor(Using DER Net)	94.71	89.10	69.66
23. Unit Forced Outage Rate	0.00	4.15	6.20

24. Shutdowns scheduled over next 6 months(Type, Date, and Duration of Each): 1989 Refueling Outage scheduled to begin on February 11, 1989 and conclude on April 8, 1989.

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 881010
 COMPLETED BY G.A. Wallin
 TELEPHONE (802)257-7711

MONTH September

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1.	490	17.	454
2.	489	18.	487
3.	488	19.	497
4.	486	20.	471
5.	488	21.	486
6.	495	22.	476
7.	492	23.	482
8.	491	24.	491
9.	488	25.	490
10.	488	26.	492
11.	474	27.	492
12.	491	28.	490
13.	488	29.	494
14.	490	30.	478
15.	492	31.	—
16.	493		

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. 2

Page 1 of 1

RT No. 13.F01.18V

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH SEPTEMBER

DOCKET NO 50-271
 UNIT NAME Vermont Yankee
 DATE 881010
 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 Report#	System Code 4	Component Code 5	Cause and 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 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 Licensee
 Event Report (LER) File
 (NUREG 0161)

5 Exhibit I - Same Source

VYDPF 0411.03
 DP 0411 Rev. 2
 Page 1 of 1
 RT No. 13.F01.18W

DOCKET NO. 50-271
UNIT Vermont Yankee
DATE 881010
COMPLETED BY G.A. Wallin
TELEPHONE (802)257-7711

REPORT MONTH September

SUMMARY OF OPERATING EXPERIENCES

Highlights

Vermont Yankee operated at 99.2% of rated thermal power for the month. Gross electrical generation was 373,117 MWHe or 96.0% design electrical capacity.

Operating Summary

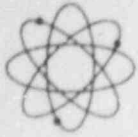
The following is a chronological description of plant operations including other pertinent items of interest for the month:

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

VYDPF 0411.04
DP 0411 Rev. 2
Page 1 of 1
RT No. 13.F01.18X



VERMONT YANKEE NUCLEAR POWER CORPORATION

P. O. BOX 157
GOVERNOR HUNT ROAD
VERNON, VERMONT 05354
October 10, 1988
VYV 88-210

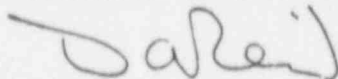
U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, D.C. 20555

Dear Sir:

Submitted herewith is the Monthly Statistical Report for the Vermont Yankee Nuclear Power Station for the month of September, 1988.

Very truly yours,

VERMONT YANKEE NUCLEAR POWER CORP.

for 
Warren P. Murphy
Vice President and
Manager of Operations

- cc: 1) USNRC
Region I
475 Allendale Road
King of Prussia, PA 19406
- 2) USNRC
Resident Inspector, VYNPS

DP 0411 Rev. 2
Page 1 of 1

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