

VERMONT YANKEE NUCLEAR POWER CORPORATION

P. O. BOX 157 GOVERNOR HUNT ROAD VERNON, VERMONT 05354

February 10, 1991 VYV 91-026

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 January, 1991.

Very truly yours,

VERMONT, YANKEE NUCLEAR POWER CORP.

Warren P. Murphy
Senior Vice President, Operations

cc: 1) USNRC
Region I
475 Allendale Road
King of Prussia, PA 19406

2) USNRC Resident Inspector, VYNPS

DP 0411 Rev. 3 Page 1 of 1 VERMONT YANKEE NUCLEAR POWER STATION

MONTHLY STATISTICAL REPORT 91-01

FOR THE MONTH OF JANUARY, 1991

DP 0411 Rev. 3 Page 1 of 1

OPERATING DATA REPORT

DOCKET NO. 50-271
DATE 910210
COMPLETED BY G.A. Wallin
TELEPHONE (802)257-7711

OPERATING STATUS

**	Onic Name: Vermont lankee	[NO	TES:	
2.	Reporting Period: January	i i i	. 20.	
3.	Licensed Thermal Power(MWt): 1593			
4.	Nameplate Rating(Gross MWe): 540			
5.	Design Electrical Rating(Net MWe):	514(oc) 504(d	cc)	
6.	Maximum Dependable Capacity(Gross MV	Ne): 535		
7.	Maximum Dependable Capacity(Net MWe)	504		
8.	If changes occur in capacity ratings last report, give reasons:	s(Items Numbe	er 3 through	7)since
9.	Power level to which restricted, if	any(Net MWe)	: N/A	
10.	Reasons for restrictions, if any:		N/A	
11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23.	Hours In Reporting Period Number Of Hours Reactor was Critical Reactor Reserve Shutdown Hours Hours Generator On-Line Unit Reserve Shutdown Hours Gross Thermal Energy Generated (MWH) Gross Electrical Energy Generated Net Electrical Energy Generated (MWH) Unit Service Factor Unit Availability Factor Unit Capacity Factor(Using MDC Net) Unit Capacity Factor(Using DER Net) Unit Forced Outage Rate Shutdowns scheduled over next 6 monteach): N/A	0.00 744.00 0.00 1158937.50 390987.00 100.00 100.00 100.04 98.10 0.00	Yr-to-Date 744.00 744.00 0.00 744.00 0.00 1158937.50 390987.00 375133.00 100.00 100.00 100.00 100.00 28.10 0.00 29.10 20.00 2	Cumulative 159264.00 128932.6 0.00 126115.60 0.00 186474242.50 62138482.00 59007103.00 78.35 78.35 72.7 71.33 5.45 tion of
VYDPI DP 00 Page	If shut down at end of report period Units In Test Status(prior to comment INITIAL CRITICALITY INITIAL ELECTRICITY COMMERCIAL OPERATION F 0411.01 411 Rev. 3 1 of 1 0. 13.F01.19F	d, estimated cial operati	date of sta on): N/A Forecast	

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-271

UNIT Vermont Yankee DATE 910210

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

MONT	H January		
YAD	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1.	517	17.	517
2.	517	18.	516
3.	517	19.	517
4.	517	20.	516
5.	517	21.	516
6.	516	22.	516
7.	516	23.	516
8.	517	24.	518
9.	516	25.	516
10.	516	26.	516
11.	516	27.	516
12.	516	28.	296
13.	516	29.	361
14.	516	30.	513
15.	516	31.	516
16.	516		

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. 3

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RT No. 13.F01.18V

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH JANUARY

DOCKET NO 50-271
UNIT NAME Vermont Yankee
DATE 910210
COMPLETED BY G.A. Wallin
TELEPHONE (802)257-7711

No.	Date	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
91-01	910128	S	0.00	B,R	N/A	N/A	RB	CONROD	Turbine bypass valve testing, rod pattern exchange and scheduled maintenance.

1 F: Forced 2 Reason:
S: Scheduled A-Equipment Failure (Explain)
B-Maintenance or Test
C-Refueling
D-Regulatory Restriction
E-Operator Training and License Examination
F-Administrative
VYDPF 0411.03 G-Operational Error (Explain)
DP 0411 Rev. 3 H-(Explain) - Rod pattern exchange

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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 910210 COMPLETED BY G.A. Wallin TELEPHONE (802)257-7711 REPORT MONTH January SUMMARY OF OPERATING EXPERIENCES Highlights Vermont Yankee operated at 97.8% of rated thermal power for the month. Gross electrical generation was 390,987 MWHe or 97.3% 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. At 0240 hours, initiated a power reduction to 50% flow to perform 910128 turbine bypass valve testing, a rod pattern exchange and scheduled maintenance on the 4B feedwater heater. 910128 At 0257 hours, at 79% power initiated turbine bypass valve testing. (See Unit Shutdowns and Power Reductions) 910128 At 0335 hours, completed turbine bypass valve testing. Reducing power to 50% flow. 910128 At 0354 hours, at 50% flow, initiated a rod pattern exchange. (See Unit Shutdowns and Power Reductions) 910128 At 0517 hours, completed the rod pattern exchange. Remaining at 50% flow until 4B feedwater heater repairs are complete. At 1200 hours, completed 4B feedwater heater repairs and a return 910129 to full power was initiated.

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

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