

VERMONT YANKEE NUCLEAR POWER STATION  
MONTHLY STATISTICAL REPORT 80-11  
FOR THE MONTH OF NOVEMBER , 1980

8912160432

OPERATING DATA REPORT

DOCKET NO. 50-271  
 DATE 801209  
 COMPLETED BY D. Bernard  
 TELEPHONE 617-366-8811, X2215

OPERATING STATUS

1. Unit Name: Vermont Yankee
2. Reporting Period: November
3. Licensed Thermal Power(MWt): 1593
4. Nameplate Rating(Gross MWe): 540
5. Design Electrical Rating(Net MWe): 514(open) 504(closed)
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:

Notes

9. Power Level to Which Restricted, If Any(Net MWe): \_\_\_\_\_
10. Reasons For Restrictions, If Any: \_\_\_\_\_

	This Month	Yr-to-Date	Cumulative
11. Hours In Reporting Period	720.00	8040.00	-
12. Number Of Hours Reactor Was Critical	0.00	6266.89	57425.28
13. Reactor Reserve Shutdown Hours	0.00	0.00	0.00
14. Hours Generator On-Line	0.00	6200.10	55527.88
15. Unit Reserve Shutdown Hours	0.00	0.00	0.00
16. Gross Thermal Energy Generated(MWH)	0.00	9347971.00	78572584.00
17. Gross Electrical Energy Generated(MWH)	0.00	3136006.00	26105676.00
18. Net Electrical Energy Generated(MWH)	0.00	2972808.00	24741173.00
19. Unit Service Factor	0.00	77.12	77.30
20. Unit Availability Factor	0.00	77.12	77.30
21. Unit Capacity Factor(Using MDC Net)	0.00	73.36	68.34
22. Unit Capacity Factor(Using DER Net)	0.00	71.94	67.01
23. Unit Forced Outage Rate	100.00	4.31	6.28

24. Shutdowns Scheduled Over Next 6 Months(Type, Date, and Duration of Each):  
Refueling in progress.

25. If Shut Down At End Of Report Period, Estimated Date of Startup: Late December

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 11-1-79  
COMPLETED BY F.J. Berger  
TELEPHONE 802-257-7711, X137

MONTH November

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1.	<u>0</u>
2.	<u>0</u>
3.	<u>0</u>
4.	<u>0</u>
5.	<u>0</u>
6.	<u>0</u>
7.	<u>0</u>
8.	<u>0</u>
9.	<u>0</u>
10.	<u>0</u>
11.	<u>0</u>
12.	<u>0</u>
13.	<u>0</u>
14.	<u>0</u>
15.	<u>0</u>
16.	<u>0</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17.	<u>0</u>
18.	<u>0</u>
19.	<u>0</u>
20.	<u>0</u>
21.	<u>0</u>
22.	<u>0</u>
23.	<u>0</u>
24.	<u>0</u>
25.	<u>0</u>
26.	<u>0</u>
27.	<u>0</u>
28.	<u>0</u>
29.	<u>0</u>
30.	<u>0</u>
31.	<u>0</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 November

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 TELEPHONE 802-257-7711,x137

No.	Date	Typed <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Shutting Down Reactor <sup>3</sup>	License Event Report #	System Code <sup>4</sup>	Component Code <sup>5</sup>	Cause & Corrective Action to Prevent Recurrence
80-21	800926	S	720	C	1	N/A	RC	FUELXX	N/A
80-22	801124	F	162	A*	4*	80-37/IT	CG	PIPEXX	The pipe cracking is believed to have been caused by IGSCC. The Sweep-O-Let is undergoing a failure analysis to determine the cause of the cracking. The Sweep-O-Let and piping are being replaced with materials which meet the intent of Section II of NUREG 0313, Rev.1, dated October, 1979.  * See LER 80-37/IT

<sup>1</sup> F: Forced  
 S: Scheduled

<sup>2</sup> 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)

<sup>3</sup> Method:  
 1- Manual  
 2- Manual Scram  
 3- Automatic Scram  
 4- Other (Explain)

<sup>4</sup> Exhibit G- Instructions for Preparation of Data Entry Sheets for Licensee Event Report (LER) File (NUREG 0161)

<sup>5</sup> Exhibit I - Same Source

DOCKET NO.	50-271
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SAFETY RELATED MAINTENANCE

Page 1 of 3

EQUIPMENT	NATURE OF MAINTENANCE	LER OR OUTAGE NUMBER	MALFUNCTION		CORRECTIVE ACTION
			CAUSE	RESULT	
Electrical Penetration X101A	Corrective MR 79-837	N/A	Worn Components	Leakage	Repaired By Vendor
RHR Valves V10-34A and 39A	Corrective MR 80-352	N/A	Set Point Drift	Valves Would Not Go Fully Shut	Adjusted Torque Switch Settings
Instrument Isolation Valve RV-12B	Corrective MR 80-508	N/A	Worn Packing	Leakage	Repacked Valve
Containment Atmosphere Control Valve V16-20-20	Corrective MR 80-975	N/A	Worn "O" Rings	Leakage	Replaced "O" Rings
MSIV 80-D Air Pilot Valve	Corrective MR 80-1087	N/A	Worn "O" Rings	Air Leakage	Replaced "O" Rings
"B" Diesel Generator #4 Cylinder Thermocouple	Corrective MR 80-1096	N/A	Dirt in Selector Switch	Thermocouple Inoperable	Cleaned Switch
RHR Service Water Pipe Hanger H-133	Corrective MR 80-1129	N/A	Normal Operation	Loose Nut, Excessive Movement	Tightened and Adjusted Hanger
IRM "C"	Corrective MR 80-1145	N/A	Failed Preamp	Failed IRM	Replaced Components

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SAFETY RELATED MAINTENANCE

Page 2 of 3

EQUIPMENT	NATURE OF MAINTENANCE	LER OR OUTAGE NUMBER	MALFUNCTION		CORRECTIVE ACTION
			CAUSE	RESULT	
RPS/Analog Trip System Power Supply 25-6A 32	Corrective MR 80-1152	N/A	Failed Component	Failed Power Supply	Replaced Power Supply
HCU 06-35	Corrective MR 80-1172	N/A	Failed "O" Rings	Leakage	Replaced Accumulator
Fuel Pool Cooling Pressure Indicator PI-69A	Corrective MR 80-1173	N/A	Not Isolated During Hydro	Needs Calibra- tion	Calibrated
RHR Heat Exchanger E-14-1A	Corrective MR 80-1179	N/A	Failed Gasket	Leakage	Replaced Gasket
Reactor Recirculation Valve V2-65A	Preventive MR 80-1191	N/A	N/A	N/A	Repacked Valve
RCIC Valve V12-15 Torque Switch	Corrective MR 80-1197	N/A	Switch Broken While Performing Maintenance on Valve Operator	N/A	Replaced Switch
"B" Diesel Generator Pyrometers #1 & #6	Corrective MR 80-1201	N/A	Normal Operation/ Vibration	Faulty Indica- tion	Repaired As Necessary

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SAFETY RELATED MAINTENANCE

EQUIPMENT	NATURE OF MAINTENANCE	INLET OR OUTAGE NUMBER	MALFUNCTION		CORRECTIVE ACTION
			CAUSE	RESULT	
"A" SBCT	Corrective MR 80-1211	N/A	Dirt	High ΔP at Demister	Cleaned As Necessary
MSIV 80-D	Corrective MR 80-1216	N/A	Normal Operation	Dry Bushings	Lubricated Bushings
"A" Diesel Generator Air Start System Relief Valve	Corrective MR 80-1218	N/A	Worn Parts	Air Leakage	Replaced Valve
Service Air Valves V72-76 A & B, V72-78 A-D, V72-80 A-D, for the Diesel Generator Air Start System	Preventive MR 80-1222	N/A	N/A	N/A	Disassembled and Cleaned Valves, Replaced Gaskets
"A" & "C" RHR Service Water Pump Relief Valves	Corrective MR 80-1247	N/A	Set Point Drift	Leakage	Disassembled & Cleaned Valves, Replaced Parts as Necessary

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REPORT MONTH November

SUMMARY OF OPERATING EXPERIENCES

During the reporting period, the plant was shutdown for refueling and maintenance.