



Entergy Nuclear Generation Co.  
Pilgrim Station  
600 Rocky Hill Road  
Plymouth, MA 02360

William J. Riggs  
Director, Nuclear Assessment

February 15, 2002

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

SUBJECT: Entergy Nuclear Generation Company  
Pilgrim Nuclear Power Station  
Docket No. 50-293

JANUARY 2001 Monthly Operating Report

LETTER NUMBER: 2.02.009

Dear Sir or Madam:

In accordance with Pilgrim Nuclear Power Station Technical Specification 5.6.4, the operational status summary for Pilgrim Nuclear Power Station is provided in the attachment for your information and planning. Should you have questions or comments concerning this report, please contact Jeff Rogers at (508) 830-8110.

Sincerely,

for W.J. Riggs

JLR/jbb

Attachment: JANUARY 2001 Monthly Operating Report

cc: Mr. Hubert Miller  
Regional Administrator, Region I  
U.S. Nuclear Regulatory Commission  
475 Allendale Road  
King of Prussia, PA 19406

Senior Resident Inspector

IE 24

## Attachment

**OPERATING DATA REPORT**

DOCKET NO. 50-293  
 NAME: Pilgrim  
 COMPLETED BY: J. L. Rogers  
 TELEPHONE: (508) 830-8110  
 REPORT MONTH: JANUARY 2001

**OPERATING STATUS****NOTES**

1. Unit Name PILGRIM 1
2. Reporting Period JANUARY 2001
3. Licensed Thermal Power (MWt) 1998
4. Nameplate Rating (Gross MWe) 678
5. Design Electrical Rating (Net MWe) 655
6. Maximum Dependable Capacity (Gross MWe) 680
7. Maximum Dependable Capacity (Net MWe) 653
8. If Changes Occur in Capacity Ratings (Items 3 through 7) Since Last Report, Give Reasons:  
No changes.

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9. Power Level To Which Restricted, If Any (Net MWe): None

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10. Reasons For Restrictions, If Any: N/A

	<u>THIS MONTH</u>	<u>YR-TO-DATE</u>	<u>CUMULATIVE</u>
11. Hours in Reporting Period	744.0	744.0	255,504.0
12. Hours Reactor Critical	744.0	744.0	175,219.8
13. Hours Reactor Reserve Shutdown	0.0	0.0	0.0
14. Hours Generator On-Line	744.0	744.0	169,999.8
15. Hours Unit Reserve Shutdown	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1,472,160.0	1,472,160.0	309,562,388.4
17. Gross Electrical Energy Generated (MWH)	517,050.0	517,050.0	105,453,544.0
18. Net Electrical Energy Generated (MWH)	497,784.70	497,784.7	101,404,211.7
19. Unit Service Factor	100.0	100.0	66.5
20. Unit Availability Factor	100.0	100.0	66.5
21. Unit Capacity Factor (Using MDC Net)	102.5	102.5	60.8
22. Unit Capacity Factor (Using DER Net)	102.1	102.1	60.6
23. Unit Forced Outage Rate	0.0	0.0	9.8
24. Shutdowns, Scheduled Outages Over Next 6 Months (Type, Date, Duration) <u>None.</u>			
25. If Shutdown at End of Report Period, Estimated Date of Start-Up: <u>Unit Operating</u>			

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**OPERATIONAL SUMMARY**

The plant entered the reporting period at approximately 95 percent core thermal power (CTP) and achieved 100 percent CTP at 0252 hours on January 1. A power reduction to approximately 70 percent CTP was commenced at 0808 hours on January 3 to perform a control rod pattern exchange. Reactor power was restored to 100% core thermal power at 0417 hours on January 4 where it was maintained until 1500 hours on January 31 when reactor power was reduced to approximately 90% to perform control rod exercises. Reactor power was restored to 100 percent CTP at 1723 hours where it was maintained through the end of the reporting period.

**UNIT SHUTDOWNS**

NO.	DATE	TYPE 1	DURATION (HOURS)	REASON 2	METHOD OF SHUTTING DOWN REACTOR 3	CAUSE/CORRECTIVE ACTION/COMMENTS

- |                             |                                                                                                                                                                                         |                                                                                   |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| <u>1</u>                    | <u>2</u>                                                                                                                                                                                | <u>3</u>                                                                          |
| F - Forced<br>S - Scheduled | A - Equip Failure<br>B - Main or Test<br>C - Refueling<br>D - Regulatory Restriction<br>E - Operator Training &<br>License Examination<br>F - Admin<br>G - Operation Error<br>H - Other | 1 - Manual<br>2 - Manual Scram<br>3 - Auto Scram<br>4 - Continuation<br>5 - Other |