



**Entergy Nuclear Generation Co.**

Pilgrim Station  
600 Rocky Hill Road  
Plymouth, MA 02360

**William J. Riggs**  
Director, Nuclear Assessment

November 14, 2001  
ENG C Ltr. 2.01.100

Tech. Spec. 5.6.4

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

Entergy Nuclear Generation Company  
Docket No. 50.293  
License No. DPR-35

**OCTOBER 2001 Monthly Operating Report**

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,

A handwritten signature in cursive script that reads "W. J. Riggs".

W. J. Riggs

JLR/

Attachment: OCTOBER 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

LE24

Attachment

**OPERATING DATA REPORT**

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

OPERATING STATUS

NOTES

1. Unit Name PILGRIM 1
2. Reporting Period OCTOBER 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
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	745.0	7,296.0	253,296.0
12. Hours Reactor Critical	745.0	6,577.1	173,080.7
13. Hours Reactor Reserve Shutdown	0.0	0.0	0.0
14. Hours Generator On-Line	745.0	6,503.7	167,873.5
15. Hours Unit Reserve Shutdown	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1,474,677.6	12,597,012.7	305,379,594.0
17. Gross Electrical Energy Generated (MWH)	517,060.0	4,396,790.0	103,985,754.0
18. Net Electrical Energy Generated (MWH)	497,586.6	4,228,484.7	99,990,874.5
19. Unit Service Factor	100.0	89.1	66.3
20. Unit Availability Factor	100.0	89.1	66.3
21. Unit Capacity Factor (Using MDC Net)	102.3	88.8	60.5
22. Unit Capacity Factor (Using DER Net)	102.0	88.5	60.3
23. Unit Forced Outage Rate	0.0	1.7	9.9
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 100 percent core thermal power (CTP). On October 5, at 0809 hours, a planned reduction to approximately 70 percent CTP was commenced to performed a control rod pattern adjustment. Reactor power was restored to 100 percent CTP at 0153 hours on October 6, 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 |