



Entergy Nuclear Generation Company  
Pilgrim Nuclear Power Station  
600 Rocky Hill Road  
Plymouth, MA 02360

J. F. Alexander  
Director  
Nuclear Assessment

ENGC Ltr. 2.01.017

Tech. Spec. 5.6.4

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

Docket No. 50.293  
License No. DPR-35

**JANUARY 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 black ink, appearing to be "J.F. Alexander".

(Original signed by J.F. Alexander)

JLR/

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

JE24

**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 I    |
| 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)   | 696          |
| 7. Maximum Dependable Capacity (Net MWe)   | 670          |
| 8. If Changes Occur in Capacity Ratings (Item Numbers 3 through 7) Since Last Report, Give Reasons:<br><u>No Changes</u> |              |
| 9. Power Level To Which Restricted, If Any (Net MWe): <u>None</u>  |              |
| 10. Reasons For Restrictions, If Any: <u>N/A</u>   |              |

	<u>THIS MONTH</u>	<u>YR-TO-DATE</u>	<u>CUMULATIVE</u>
11. Hours in Reporting Period	744.0	744.0	246,744.0
12. Hours Reactor Critical	744.0	744.0	167,247.6
13. Hours Reactor Reserve Shutdown	0.0	0.0	0.0
14. Hours Generator On-Line	744.0	744.0	162,113.8
15. Hours Unit Reserve Shutdown	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1,459,101.6	1,459,101.6	294,241,682.9
17. Gross Electrical Energy Generated (MWH)	510,990.0	510,990.0	100,099,954.0
18. Net Electrical Energy Generated (MWH)	491,137.4	491,137.4	96,253,527.2
19. Unit Service Factor	100.0	100.0	65.7
20. Unit Availability Factor	100.0	100.0	65.7
21. Unit Capacity Factor (Using MDC Net)	98.5	98.5	58.2
22. Unit Capacity Factor (Using DER Net)	100.8	100.8	59.6
23. Unit Forced Outage Rate	0.0	0.0	10.2
24. Shutdowns, Scheduled Outages Over Next 6 Months (Type, Date, Duration) <u>Refuel outage #13 scheduled to start April 14, 2001 and expected to last 35 days.</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) where it was essentially maintained until January 3, 2001. At 1400 hours on January 3, reactor power was reduced to approximately 50% CTP to perform a regular backwash of the main condenser. During this downpower various surveillances and maintenance activities were conducted. On January 4 at 1700 hours, reactor power was restored to approximately 100 percent CTP 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 |