



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

J. F. Alexander  
Director  
Nuclear Assessment

May 10, 2000  
ENG C Ltr. 2.00.044

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

**April 2000 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 Robert Cannon at (508) 830-8321.

Sincerely,

A handwritten signature in black ink, appearing to read "J.F. Alexander".

J.F. Alexander

RLC/

Attachment: April 2000 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

**OPERATING DATA REPORT**

DOCKET NO. 50-293  
 NAME: Pilgrim  
 COMPLETED BY: R.L. Cannon  
 TELEPHONE: (508) 830-8321  
 REPORT MONTH: April 2000

**OPERATING STATUS****NOTES**

- |                                                                                                                          |            |
|--------------------------------------------------------------------------------------------------------------------------|------------|
| 1. Unit Name                                                                                                             | Pilgrim I  |
| 2. Reporting Period                                                                                                      | April 2000 |
| 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	719.00	2,903.0	204,119.0
12. Hours Reactor Critical	719.0	2,903.0	160,768.8
13. Hours Reactor Reserve Shutdown	0.0	0.0	0.0
14. Hours Generator On-Line	719.0	2,847.3	155,761.2
15. Hours Unit Reserve Shutdown	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1,429,209.0	5,631,007.7	281,897,089.7
17. Gross Electrical Energy Generated (MWH)	500,560.0	1,965,580.0	95,825,974.0
18. Net Electrical Energy Generated (MWH)	482,168.5	1,893,146.9	92,143,281.9
19. Unit Service Factor	100.0	98.1	64.9
20. Unit Availability Factor	100.0	98.1	64.9
21. Unit Capacity Factor (Using MDC Net)	100.1	97.3	57.3
22. Unit Capacity Factor (Using DER Net)	102.4	99.6	58.6
23. Unit Forced Outage Rate	0.0	1.9	10.4
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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**OPERATION SUMMARY**

The plant entered the reporting period at approximately 100 percent Core Thermal Power (CTP) where it was essentially 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

No Unit shutdowns occurred during this reporting period.

- |                             |                                                                                                                                                                                         |                                                                                   |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| <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 |