



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

December 14, 2000  
ENGCLtr. 2.00.083

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

**November 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 Joseph Egan at (508) 830-8915.

Sincerely,

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

J.F. Alexander

JWE/

Attachment: November 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

LE24

**OPERATING DATA REPORT**

DOCKET NO. 50-293  
 NAME: Pilgrim  
 COMPLETED BY: J.W. Egan  
 TELEPHONE: (508) 830-8915  
 REPORT MONTH: November 2000

**OPERATING STATUS****NOTES**

- |  |               |
|--|---------------|
| 1. Unit Name   | Pilgrim I     |
| 2. Reporting Period  | November 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: N/A  |               |

	<u>THIS MONTH</u>	<u>YR-TO-DATE</u>	<u>CUMULATIVE</u>
11. Hours in Reporting Period	720.0	8,040.0	245,256.0
12. Hours Reactor Critical	720.0	7,893.9	165,759.6
13. Hours Reactor Reserve Shutdown	0.0	0.0	0.0
14. Hours Generator On-Line	720.0	7,711.9	160,625.8
15. Hours Unit Reserve Shutdown	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1,402,620.0	15,037,900.1	291,303,982.1
17. Gross Electrical Energy Generated (MWH)	490,450.0	5,209,970.0	99,070,364.0
18. Net Electrical Energy Generated (MWH)	471,743.8	5,013,253.9	95,263,388.9
19. Unit Service Factor	100.0	95.9	65.5
20. Unit Availability Factor	100.0	95.9	65.5
21. Unit Capacity Factor (Using MDC Net)	97.8	93.1	58.0
22. Unit Capacity Factor (Using DER Net)	100.0	95.2	59.3
23. Unit Forced Outage Rate	0.0	4.1	10.3
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 November 12, 2000. At 2009 hours on November 12, reactor power was reduced to approximately 50% CTP to perform a thermal backwash of the main condenser for biofouling control. During this downpower various surveillances and maintenance activities were conducted. On November 14 at 1138 hours, reactor power was restored to approximately 100 percent 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

- |                             |   |   |
|-----------------------------|---|---|
| 1                           | 2   | 3   |
| 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 |