



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

J. F. Alexander  
Director  
Nuclear Assessment

September 14, 2000  
ENGCLtr. 2.00.067

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

**August 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: August 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

IE24

**OPERATING DATA REPORT**

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

**OPERATING STATUS****NOTES**

1. Unit Name Pilgrim I  
 2. Reporting Period August 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:  
No Changes  
 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	744.0	5,855.0	243,071.0
12. Hours Reactor Critical	692.1	5,803.1	163,668.8
13. Hours Reactor Reserve Shutdown	0.0	0.0	0.0
14. Hours Generator On-Line	594.3	5,649.6	158,563.5
15. Hours Unit Reserve Shutdown	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1,139,383.2	11,079,800.9	287,345,882.9
17. Gross Electrical Energy Generated (MWH)	379,880.0	3,839,780.0	97,700,174.0
18. Net Electrical Energy Generated (MWH)	365,006.4	3,696,146.7	93,946,281.7
19. Unit Service Factor	79.9	96.5	65.2
20. Unit Availability Factor	79.9	96.5	65.2
21. Unit Capacity Factor (Using MDC Net)	73.2	94.2	57.7
22. Unit Capacity Factor (Using DER Net)	74.9	96.4	59.0
23. Unit Forced Outage Rate	20.1	3.5	10.3
24. Shutdowns, Scheduled Outages Over Next 6 Months (Type, Date, Duration)	None		
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 100 percent Core Thermal Power (CTP) where it was essentially maintained until August 22, 2000. On August 22, 2000, at 0028 hours the unit was taken off line and the plant was manually shutdown at 0108 hours on August 22, 2000, due to a low lube oil sump level indication for the "B" Main Recirculation Pump. A drywell entry was made and the lube oil sump level was restored to the normal operating range. The reactor was returned to critical operation at 0504 hours on August 24, 2000, and synchronized to the grid at 0611 hours on August 28, 2000. 100 percent CTP was achieved at 1227 hours on August 31, 2000, where it was essentially maintained through the end of the reporting period. Concurrent with the plant shutdown various maintenance and surveillance activities were performed.

**UNIT SHUTDOWNS**

NO.	DATE	TYPE	DURATION (HOURS)	REASON	METHOD OF SHUTTING DOWN REACTOR	CAUSE/ CORRECTIVE ACTION/COMMENTS
		1		2	3	
1	8-22-00	F	149.7	H	1	Low lube oil sump level for "B" Recirculation Pump. Oil added to restore sump level to normal operating range.

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 & 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 |