



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

J. F. Alexander  
Director  
Nuclear Assessment

May 9, 2001  
ENGC Ltr. 2.01.060

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 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".

J.F. Alexander

JLR/

Attachment: April 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

IE24

Attachment

**OPERATING DATA REPORT**

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

**OPERATING STATUS**

**NOTES**

1. Unit Name PILGRIM 1
2. Reporting Period April 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 (Items 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	719.0	2,879.0	248,879.0
12. Hours Reactor Critical	484.6	2,644.6	169,148.2
13. Hours Reactor Reserve Shutdown	0.0	0.0	0.0
14. Hours Generator On-Line	480.1	2,640.1	164,009.9
15. Hours Unit Reserve Shutdown	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	940,743.1	5,197,651.9	297,980,233.2
17. Gross Electrical Energy Generated (MWH)	328,240.0	1,817,170.0	101,406,134.0
18. Net Electrical Energy Generated (MWH)	315,658.8	1,746,995.3	97,509,385.1
19. Unit Service Factor	66.8	91.7	65.9
20. Unit Availability Factor	66.8	91.7	65.9
21. Unit Capacity Factor (Using MDC Net)	65.5	90.6	58.5
22. Unit Capacity Factor (Using DER Net)	67.0	92.6	59.8
23. Unit Forced Outage Rate	0.0	0.0	10.1
24. Shutdowns, Scheduled Outages Over Next 6 Months (Type, Date, Duration) <u>Refuel outage #13 commenced April 21, 2001 and duration &lt; 30 days.</u>			
25. If Shutdown at End of Report Period, Estimated Date of Start-Up: <u>May 16, 2001</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 April 21, 2001. At 0104 hours on April 21 the generator was taken off-line and the plant was shutdown for Refueling Outage No. 13.

**UNIT SHUTDOWNS**

NO.	DATE	TYPE 1	DURATION (HOURS)	REASON 2	METHOD OF SHUTTING DOWN REACTOR 3	CAUSE/CORRECTIVE ACTION/COMMENTS
1	04/21/01	S	238.9	C	1	Commence Refueling Outage No. 13

1

F - Forced  
S - Scheduled

2

A - Equip Failure  
 B - Main or Test  
 C - Refueling  
 D - Regulatory Restriction  
 E - Operator Training &  
 License Examination  
 F - Admin  
 G - Operation Error  
 H - Other

3

1 - Manual  
 2 - Manual Scram  
 3 - Auto Scram  
 4 - Continuation  
 5 - Other