



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

J. F. Alexander
Director
Nuclear Assessment

April 9, 2001
ENGCLtr. 2.01.046

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

MARCH 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: March 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

TE24

Attachment

OPERATING DATA REPORT

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

OPERATING STATUSNOTES

1. Unit Name PILGRIM I
2. Reporting Period March 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	744.0	2,160.0	248,160.0
12. Hours Reactor Critical	744.0	2,160.0	168,663.6
13. Hours Reactor Reserve Shutdown	0.0	0.0	0.0
14. Hours Generator On-Line	744.0	2,160.0	163,529.8
15. Hours Unit Reserve Shutdown	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1,462,929.6	4,256,908.8	297,039,490.1
17. Gross Electrical Energy Generated (MWH)	510,230.0	1,488,930.0	101,077,894.0
18. Net Electrical Energy Generated (MWH)	490,652.0	1,431,336.5	97,193,726.3
19. Unit Service Factor	100.0	100.0	65.9
20. Unit Availability Factor	100.0	100.0	65.9
21. Unit Capacity Factor (Using MDC Net)	98.4	98.9	58.5
22. Unit Capacity Factor (Using DER Net)	100.7	101.2	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 scheduled to start April 21, 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 March 8, 2001. At 1749 hours on March 8, a reactor power reduction to 60% CTP was commenced to perform a thermal backwash of the main condenser. During this downpower various surveillances and maintenance activities were conducted. On March 9 at 2020 hours, reactor power was restored to approximately 100% CTP where it was maintained until March 10, 2001. At 2208 hours, reactor power was reduced to perform a control rod pattern adjustment. At 0146 hours on March 11, the pattern adjustment was complete and reactor power was restored to 100% CTP at 0815 hours on March 11 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

- | | | |
|-----------------------------|---|---|
| 1 | 2 | 3 |
| F - Forced
S - Scheduled | A - Equip Failure
B - Main or Test
C - Refueling
D - Regulatory Restriction
E - Operator Training &
License Examination
F - Admin
G - Operation Error
H - Other | 1 - Manual
2 - Manual Scram
3 - Auto Scram
4 - Continuation
5 - Other |