



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

J. F. Alexander
Director
Nuclear Assessment

June 13, 2000
ENGCLtr. 2.00.049

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

May 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: May 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: May 2000

OPERATING STATUS**NOTES**

- | | |
|--|-----------|
| 1. Unit Name | Pilgrim I |
| 2. Reporting Period | May 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:
<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	744.0	3,647.0	240,863.0
12. Hours Reactor Critical	744.0	3,647.0	161,512.8
13. Hours Reactor Reserve Shutdown	0.0	0.0	0.0
14. Hours Generator On-Line	744.0	3,591.3	156,505.2
15. Hours Unit Reserve Shutdown	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1,413,071.0	7,044,078.7	283,310,160.7
17. Gross Electrical Energy Generated (MWH)	490,320.0	2,455,900.0	96,316,294.0
18. Net Electrical Energy Generated (MWH)	471,721.0	2,364,867.9	92,615,003.0
19. Unit Service Factor	100.0	98.5	65.0
20. Unit Availability Factor	100.0	98.5	65.0
21. Unit Capacity Factor (Using MDC Net)	94.6	96.8	57.4
22. Unit Capacity Factor (Using DER Net)	96.8	99.0	58.7
23. Unit Forced Outage Rate	0.0	1.5	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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OPERATIONAL SUMMARY

The plant entered the reporting period at 100 percent core thermal power (CTP) where it was essentially maintained until May 26, 2000. At 0400 hours on May 26, 2000, a power reduction commenced to perform maintenance on the motor generator sets for the recirculation system. At 2220 hours approximately 40 percent CTP was achieved. During the period the plant was at reduced power, a thermal backwash of the main condenser was performed and various surveillance and maintenance activities were conducted. On May 29, 0414 hours, reactor power was restored to 100 percent CTP where it was maintained until 0830 hours on May 29, 2000, when power was reduced to approximately 63 percent CTP to replace a previously identified malfunctioning mechanical actuator for one of the four main condenser vapor valves. Reactor power was restored to 100 percent CTP at 2345 hours on May 29, 2000, 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.

- | | | |
|-----------------------------|---|---|
| 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 |