



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

J. F. Alexander
Director
Nuclear Assessment

Tech. Spec. 5.6.4

January 12, 2000
ENGCLtr. 2.00.001

U.S. Nuclear Regulatory Commission
Attention: Document Control Desk
Washington, DC 20555

Docket No. 50.293
License No. DPR-35

December 1999 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,

J.F. Alexander
J.F. Alexander

RLC/

Attachment: December 1999 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

200001

PDL ADDCL @50000913

IE24

OPERATING DATA REPORT

DOCKET NO. 50-293
 NAME: Pilgrim
 COMPLETED BY: R.L. Cannon
 TELEPHONE: (508) 830-8321
 REPORT MONTH: December 1999

OPERATING STATUS**NOTES**

- | | |
|--|---------------|
| 1. Unit Name | Pilgrim I |
| 2. Reporting Period | December 1999 |
| 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	8,760.0	237,216.0
12. Hours Reactor Critical	744.0	7,390.9	157,865.8
13. Hours Reactor Reserve Shutdown	0.0	0.0	0.0
14. Hours Generator On-Line	744.0	7,142.4	152,913.9
15. Hours Unit Reserve Shutdown	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1,474,917.0	13,543,650.0	276,266,082.0
17. Gross Electrical Energy Generated (MWH)	517,680.0	4,655,650.0	93,860,394.0
18. Net Electrical Energy Generated (MWH)	498,087.7	4,473,327.0	90,250,135.0
19. Unit Service Factor	100.0	81.5	64.5
20. Unit Availability Factor	100.0	81.5	64.5
21. Unit Capacity Factor (Using MDC Net)	99.9	76.2	56.8
22. Unit Capacity Factor (Using DER Net)	102.2	78.0	58.1
23. Unit Forced Outage Rate	0.0	2.7	10.5
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>			

DOCKET NO. 50-293
 NAME: Pilgrim
 COMPLETED BY: R. L. Cannon
 TELEPHONE: (508) 830-8321
 REPORT MONTH: December 1999

OPERATION SUMMARY

The plant entered the reporting period at approximately 100 percent Core Thermal Power (CTP). On December 27, 1999, at 1625 hours, reactor power was reduced to approximately 75 percent CTP due to a failure of a feedwater level control valve. On December 28, 1999, at 0005 hours the reactor was returned to 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

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 |