

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 ENGC Ltr. 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,

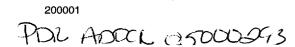
J.F. Alexander

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



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# **OPERATING DATA REPORT**

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

#### **OPERATING STATUS**

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# **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: N/A

		THIS MONTH Y	R-TO-DATE CUM	ULATIVE
11.	Hours in Reporting Period	744.0	8,760.0	237,216.0
12.	Hours Reactor Critical	744.0	157,865.8	
13.	Hours Reactor Reserve Shutdown	0.0	0.0	
14.	Hours Generator On-Line	744.0 7,142.4 152,9 <sup>.</sup>		
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,I	Duration)	
	None			
25.	If Shutdown at End of Report Period,			

Estimated Date of Start-Up: <u>Unit Operating</u>

50-293
Pilgrim
R. L. Cannon
(508) 830-8321
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

F - Forced S - Scheduled

- A Equip Failure
- B Main or Test
- C Refueling

2

- D Regulatory Restriction
- E Operator Training & License Examination
- F Admin
- G Operation Error
- H Other

1 - Manual

3

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