



Entergy Nuclear Operations, Inc.  
Pilgrim Station  
600 Rocky Hill Road  
Plymouth, MA 02360

January 14, 2004

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

SUBJECT: Entergy Nuclear Operations, Inc.  
Pilgrim Nuclear Power Station  
Docket No.: 50-293  
License No.: DPR-35

December 2003 Monthly Operating Report

LETTER NUMBER: 2.04.005

Dear Sir or Madam:

In accordance with 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 Mr. Bryan Ford at (508) 830-8403.

Sincerely,

A handwritten signature in cursive script that reads "Steve Bethay".

Steve Bethay  
Director, Nuclear Assessment

MJG/dm

Attachment: December 2003 Monthly Operating Report (1 page)

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  
**UNIT NAME** Pilgrim 1  
**DATE** January 12, 2004  
**COMPLETED BY** Mary J. Gatslick  
**TELEPHONE** (508) 830-8373

**REPORTING PERIOD:** December 2003

1. Design Electrical Rating	<u>711.00</u>		
2. Maximum Dependable Capacity (MWe-Net)	<u>684.70</u>		
	<u>This Month</u>	<u>Yr-to-Date</u>	<u>Cumulative</u>
3. Number of Hours the Reactor was Critical	<u>744.00</u>	<u>7,662.10</u>	<u>190,154.90</u>
4. Number of Hours Generator On-line	<u>744.00</u>	<u>7,548.15</u>	<u>187,944.95</u>
5. Reserve Shutdown Hours	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>
6. Net Electrical Energy Generated (MWHrs)	<u>508,456.50</u>	<u>4,977,182.14</u>	<u>111,652,678.4</u>

### UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause & Corrective Action Comments
-----	------	-----------------------------------	---------------------	----------	---------------------------------	---------------------------------------

**SUMMARY:** The period began with the unit on line, operating at 100% power (2028 MWt). On December 1st at 1950 hours, an unplanned power reduction from 100% to ~30% occurred as a result of a trip a recirculation motor generator set/pump while backing out of a surveillance test. The unit returned to 100% power on December 2nd at 1351 hours. On December 6th at 2045 hours, a power reduction from 100% to 77% was initiated as directed by the regional system operator (ISO-NE) due to electrical transmission system conditions. The unit returned to 100% power on December 7th at 0603 hours where it remained for the rest of the reporting period.

1

**Reason:**

- A Equipment Failure (Explain)
- B Maintenance or Test
- C Refueling
- D Regulatory Restriction
- E Operator Training & License Examination
- F Administration
- G Operational Error (Explain)
- H Other (Explain)

2

**Method:**

- 1 Manual
- 2 Manual Trip/Scram
- 3 Automatic Trip/Scram
- 4 Continuation
- 5 Other (Explain)