



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

August 9, 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

July 2004 Monthly Operating Report

LETTER NUMBER: 2.04.070

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.

There are no commitments contained in this letter.

Should you have questions or comments concerning this report, please contact me at (508) 830-8403.

Sincerely,

A handwritten signature in black ink that reads "Bryan Ford".

Bryan Ford
Manager, Licensing

MJG/dm

Attachment: July 2004 Monthly Operating Report (1 page)

cc: Mr. Samuel J. Collins
Regional Administrator, Region I
U.S. Nuclear Regulatory Commission
475 Allendale Road
King of Prussia, PA 19406

Senior Resident Inspector

OPERATING DATA REPORT

DOCKET NO. 50-293
UNIT NAME Pilgrim 1
DATE August 02, 2004
COMPLETED BY Mary J. Gatslick
TELEPHONE (508) 830-8373

REPORTING PERIOD: July 2004

1. Design Electrical Rating	690.00		
2. Maximum Dependable Capacity (MWe-Net)	684.70		
	<u>This Month</u>	<u>Yr-to-Date</u>	<u>Cumulative</u>
3. Number of Hours the Reactor was Critical	744.00	5,065.58	195,220.48
4. Number of Hours Generator On-line	744.00	5,048.92	192,993.87
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical Energy Generated (MWHrs)	502,237.53	3,444,518.66	115,097,197.1

UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause & Corrective Action Comments
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SUMMARY: The unit began the reporting period with the reactor operating at 100% (2028 MWt) power. A planned power reduction commenced on 7/30/04 at 1459 hours for a main condenser thermal backwash. The lowest reactor power during the power reduction was about 49%. 100% reactor power operation was achieved on 7/31/04 at 1218 hours. The reactor operated at 100% (2028 MWt) power for the remainder 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)