



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

October 12, 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

September Monthly Operating Report

LETTER NUMBER: 2.04.092

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, appearing to read "Bryan Ford".

Bryan Ford
Manager, Licensing

MJG/dm

Attachment: September 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

Handwritten initials "JB24" in black ink, located in the bottom right corner of the page.

OPERATING DATA REPORT

DOCKET NO. 50-293
UNIT NAME Pilgrim 1
DATE October 05, 2004
COMPLETED BY Mary J. Gatslick
TELEPHONE (508) 830-8373

REPORTING PERIOD: September 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	720.00	6,529.58	196,684.48
4. Number of Hours Generator On-line	720.00	6,512.92	194,457.87
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical Energy Generated (MWHrs)	480,302.48	4,432,489.75	116,085,168.1

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. An unplanned power reduction commenced on 9/16/04 at 1115 hours for a main condenser backwash. The lowest reactor power during the power reduction was about 46.9%. 100% reactor power was achieved on 9/17/04 at 0127 hours. A planned power reduction commenced on 9/21/04 at 0741 hours for a main condenser thermal backwash. The lowest reactor power during this power reduction was about 47.5%. 100% reactor power was achieved on 9/22/04 at 0822 hours. The reactor operated at 100% (2028 MWt) 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)