Entergy

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

**William J. Riggs**
Director, Nuclear Assessment

October 11, 2002

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 2002 Monthly Operating Report

LETTER NUMBER: 2.02.093

Dear Sir or Madam:

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 Jim Haley at (508) 830-8143.

Sincerely,

W.J. Riggs

JRH/dd

Attachment: September 2002 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

IE24

Attachment

# OPERATING DATA REPORT

DOCKET NO. 50-293

UNIT NAME: Pilgrim

DATE: October 11, 2002

COMPLETED BY: J. R. Haley

TELEPHONE: (508) 830-8143

Design Electrical Rating (MWe-Net): 655

Maximum Dependable Capacity (MWe-Net): 653

REPORTING PERIOD: September 2002
(Month/Year)

| | | MONTH | YEAR TO DATE | CUMULATIVE |
|---|---|---|---|---|
| [1] | Hours in Reporting Period | 720.0 | 6,551.0 | 261,311.0 |
| [2] | Number of Hours the Reactor was Critical | 720.0 | 6,551.0 | 181,026.8 |
| [3] | Number of Hours the Generator was On Line | 720.0 | 6,551.0 | 175,806.8 |
| [4] | Unit Reserve Shutdown Hours | 0.0 | 0.0 | 0.0 |
| [5] | Net Electrical Energy (MWH) | 461,774.7 | 4,301,150.0 | 105,207,577.0 |

DOCKET NO. 50-293
NAME: Pilgrim
COMPLETED BY: J.R. Haley
TELEPHONE: (508) 830-8143
REPORT MONTH: September 2002

## OPERATIONAL SUMMARY

The plant entered the reporting period at approximately 100 percent Core Thermal Power (CTP) where it was maintained until 00:05 hours on September 10. Power was reduced to approximately 44% CTP to perform a thermal backwash. Power was returned to 100% at approximately 06:10 on September 11, where it was maintained until 11:14 on September 12 when a rod sequence exchange was initiated. Power was lowered to 46% and then restored power to 100% at 02:20 hours on September 13. Power remained at 100% CTP until a backwash was initiated at 11:15 on September 27 due to macrofouling of the main condenser. Power was reduced to 45% to accomplish the backwash. Power was returned to 100% at 00:53 on September 28 where it was maintained for the rest of the month.

## UNIT SHUTDOWNS

| NO. | DATE | TYPE 1 | DURATION (HOURS) | REASON 2 | METHOD OF SHUTTING DOWN REACTOR 3 | CAUSE/CORRECTIVE ACTION/COMMENTS |
|---|---|---|---|---|---|---|
| | | | | | | |

1

F - Forced
S - Scheduled

2

A - Equip Failure
B - Main or Test
C - Refueling
D - Regulatory Restriction
E - Operator Training & License Examination
F - Admin
G - Operation Error
H - Other

3

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