



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

William J. Riggs  
Director, Nuclear Assessment

June 12, 2003

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

May 2003 Monthly Operating Report

LETTER NUMBER: 2.03.083

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,

A handwritten signature in black ink, appearing to read "W.J. Riggs".

W.J. Riggs

JRH/dd

Attachment: May 2003 Monthly Operating Report (2 pages)

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

Senior Resident Inspector

JE24

Attachment

**OPERATING DATA REPORT**

DOCKET NO. 50-293

UNIT NAME: Pilgrim

DATE:

COMPLETED BY: J. R. Haley

TELEPHONE: (508) 830-8143

Design Electrical Rating (MWe-Net): 655

Maximum Dependable Capacity (MWe-Net): 653

REPORTING PERIOD: May 2003  
(Month/Year)

	<u>MONTH</u>	<u>YEAR TO DATE</u>	<u>CUMULATIVE</u>
[1] Hours in Reporting Period	744.0	3623.0	266,399.0
[2] Number of Hours the Reactor was Critical	397.8	2807.8	185,300.6
[3] Number of Hours the Generator was On Line	334.0	2722.0	183,118.8
[4] Unit Reserve Shutdown Hours	0.0	0.0	0.0
[5] Net Electrical Energy (MWH)	181,531.0	1,742,185.1	108,417,681.4

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 NAME: Pilgrim  
 COMPLETED BY: J.R. Haley  
 TELEPHONE: (508) 830-8143  
 REPORT MONTH: May 2003

**OPERATIONAL SUMMARY**

The plant entered the reporting period shutdown due to the continuation of the planned refueling outage. Pilgrim began restart activities on May 12 and synchronized to the grid at 1535 hours on May 13. The unit was removed from the grid at 0411 hours on May 16 and a forced outage was initiated to identify and repair sources of leakage in the drywell. The unit was restarted on May 18 and at 0424 on May 19 a scram occurred due to inadvertent operation of the turbine bypass valves. Pilgrim Station was restarted on May 20 and synchronized to the grid at 1441 hours. Planned power ascension testing continued and 1998 MWt was reached on May 22 at 0406 hours. A brief downpower to 70% occurred at 0923 on May 23 for a rod pattern adjustment. 1998 MWt was again reached at 1748 hours 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
1	5/16/03	F	53	F	1	Shutdown to identify and repair sources of drywell leakage.
2	5/19/03	F	22 ½ hrs	G	3	Unit scrammed due to inadvertent operation of the turbine bypass valves.

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