

SEP 26 1988

Docket No. 50-293

MEMORANDUM FOR: James T. Wiggins, Chief  
Reactor Projects Branch No. 3

FROM: A. Randy Blough, Chief  
Reactor Projects Section No. 3B

SUBJECT: PILGRIM STATUS REPORT FOR THE PERIOD SEPTEMBER 10 - 23, 1988

Enclosed is the Pilgrim bi-weekly status report from the NRC Resident Office at Pilgrim. Three resident inspectors and a project engineer monitored activities at the plant during the report period. On September 8, 1988 a full committee meeting of the NRC's Advisory Committee on Reactor Safeguards (ACRS) was held in Rockville, Maryland to discuss the proposed restart of the Pilgrim plant. The ACRS issued its recommendation to the Commission on the proposed Pilgrim plant restart in a letter dated September 14, 1988. A copy of the meeting transcription will be available for public review at the Local Public Document Room and at Libraries in the towns in the immediate vicinity of the plant.

The Pilgrim bi-weekly status report is intended to provide NRC management and the public with an overview of plant activities and NRC inspection activities. Subsequent inspection reports will address many of these topics in more detail.

ORIGINAL SIGNED BY

A. Randy Blough, Chief  
Reactor Projects Section No. 3B

Enclosure:  
As stated

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cc w/encl:

R. Bird, Senior Vice President - Nuclear, BECo  
L. Gustin, Vice President - Corporate Relations, BECo  
K. Highfill, Station Director, BECo  
J. Keyes, Licensing Division Manager, BECo  
Chairman, Board of Selectmen, Plymouth  
Chairman, Board of Selectmen, Carver  
Chairman, Board of Selectmen, Duxbury  
Chairman, Board of Selectmen, Marshfield  
Chairman, Board of Selectmen, Kingston  
The Honorable Edward P. Kirby  
The Honorable Peter V. Forman  
The Honorable Edward J. Markey  
Plymouth Civil Defense Director  
M. Ernst, Committee on Energy, Commonwealth of Massachusetts  
S. Pollard, Energy Secretary, Commonwealth of Massachusetts  
B. McIntyre, Chairman, Department of Public Utilities  
N. Johnson, Chairman, Duxbury Nuclear Committee  
R. Boulay  
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K. Anderson  
Public Document Room (PDR)  
Local Public Document Room (LPDR)  
Nuclear Safety Information Center (NSIC)  
NRC Resident Inspector  
Commonwealth of Massachusetts (2)

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- bcc w/encl:
- Region I Docket Room (with concurrences)
- T. Murley, NRR
- F. Miraglia, NRR
- S. Varga, NRR
- B. Boger, NRR
- D. Crutchfield, NRR
- J. Partlow, NRR
- C. Rossi, NRR
- F. Congel, NRR
- L. Shao, NRR
- R. Wessman, NRR
- D. McDonald, NRR
- J. Roe, NRR
- F. Akstulewicz, NRR
- P. Boehnert, ACRS
- W. Russell, RI
- W. Kane, RI
- T. Martin, RI
- S. Ebnetter, RI
- S. Collins, RI
- R. Blough, RI
- L. Doerflein, RI
- M. Kohl, RI
- M. J. DiDonato, RI (2)
- K. Abraham, RI (2)

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 RI:DRP  
 CWarren/mjd  
 9/24/88

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 9/24/88

*J*  
 RI:DRP  
 JWiggins  
 9/26/88

## ENCLOSURE

### PILGRIM STATUS REPORT FOR THE PERIOD SEPTEMBER 10-23, 1988

#### 1.0 Plant Status

As of 8:00 a.m. on September 23, 1988, the reactor was in the cold shutdown mode with moderator temperature about 96 degrees Fahrenheit.

#### 2.0 Facility Operations Summary

The plant has been shutdown for maintenance and to make program improvements since April 12, 1986. The reactor core was completely defueled on February 13, 1987 to facilitate extensive maintenance and modification of plant equipment. The licensee completed fuel reload on October 14, 1987. Reinstallation of the reactor vessel internal components and the vessel head was followed by completion of the reactor vessel hydrostatic test. The primary containment integrated leak rate test was also completed during the week of December 21, 1987. During this period, the licensee performed routine maintenance and surveillance tests.

#### 3.0 Items of Special Interest

##### ACRS Full Committee Meeting

A full committee meeting of the Nuclear Regulatory Commission's Advisory Committee on Reactor Safeguards (ACRS) was held on September 8, 1988, in Rockville, Maryland to discuss the proposed restart of the Pilgrim Nuclear Power Plant in Massachusetts.

The ACRS recommendation to the Commission on the proposed restart of the Pilgrim plant was issued on September 14, 1988. The ACRS identified two areas requiring future NRC attention, including how the licensee satisfies the station blackout rule and, as a generic issue for many plants, the use of the hardened vent for relieving possible torus overpressure during a severe accident. Additionally, the ACRS recommended that before startup is approved, a clearly defined program for early correction of the inadequacies identified in the emergency plan by the Federal Emergency Management Agency be available and approved by the NRC staff. The ACRS concluded that, subject to these comments, restart of the Pilgrim plant will not lead to undue risk to the public health and safety.

The ACRS is a statutory committee established to advise the Commission on the safety aspects of proposed and existing nuclear facilities and the adequacy of proposed reactor safety standards and to perform such other duties as the Commission may request.

Receipt of Keys

On September 9, 1988, the resident inspector received a ring containing seven keys that had been delivered to a post office box and accompanied by a letter stating that the keys belonged to the Pilgrim plant. This issue will be covered in detail in the next inspection report, 50-293/88-31. Thusfar, it has been determined that the keys are not plant security, high radiation or operations keys.

Scheduled Public Meeting

On September 29, 1988, a public meeting will be held in Plymouth, Massachusetts to discuss the proposed restart of the Pilgrim plant. The NRC staff will be prepared to discuss with officials and the public the findings of the recent Integrated Assessment Team Inspection (IATI), recent Systematic Assessment of Licensee Performance report and the NRC staff restart recommendation. Copies of the NRC Restart Assessment Panel's Restart Readiness Assessment Report will be available at the meeting. Copies of the IATI and SALP reports have been sent to the Local Public Document Room and to Libraries in the towns in the immediate vicinity of the plant. The NRC has issued a meeting notice in local newspapers, and members of the public will be permitted to make five-minute statements to the NRC staff.

Scheduled NRC Commission Meeting

On October 14, 1988, the NRC Commissioners will meet in Rockville, Maryland, to review the status of, and possibly vote on the restart of, the Pilgrim plant.

4.0 NRC Staff Status During the Period

The inspection staff at Pilgrim during the report period consisted of the following:

Clay Warren	---	Senior Resident Inspector
Cynthia Carpenter	---	Resident Inspector
Tae Kim	---	Resident Inspector
Jeffrey Lyash	---	Project Engineer

Two region-based specialist inspectors were on-site during the week of September 12, 1988, to review the licensee's corrective actions on previous electrical inspection findings. In addition, a region-based reactor engineer and the NRR project engineer for the Pilgrim plant were on-site during the week of September 19, 1988 to assist the resident inspectors. The results of these inspection activities will be documented in NRC inspection reports 50-293/88-32 and 50-293/88-31, respectively.