

FEB 15 1990

Docket No. 50-293

MEMORANDUM FOR: Jon R. Johnson, Chief, Projects Branch No. 3, Division of
Reactor Projects

FROM: P. K. Eapen, Chief, Reactor Projects Section 3A

SUBJECT: PILGRIM STATUS REPORT FOR THE PERIOD JANUARY 6 -
FEBRUARY 5, 1990

Enclosed is the Pilgrim status report from the NRC Resident Office at Pilgrim. The NRC Restart Staff is in place and was on-site monitoring licensee activities on an extended shift basis during the report period.

The first Pilgrim status report was issued beginning with the week of June 10, 1986 in response to the public and media interest regarding the Pilgrim Nuclear Power Station and the need expressed by local officials to better understand what activities were taking place. The reports provided NRC management and the public with highlights of plant activities and NRC inspection activities at the Pilgrim Station. Subsequent inspection reports addressed many of the topics in more detail.

It is presently our intent that the next status report, to be issued about March 5, 1990, will be the last such report to be issued for Pilgrim Station. Information normally covered in the status report will be documented in routine NRC inspection reports.

ORIGINAL SIGNED BY

P. K. Eapen, Chief
Reactor Projects Section 3A
Division of Reactor Projects

Enclosure: As stated

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PILGRIM STATUS 1/6 - 2/5/90 - 0001.0.0
02/14/90

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cc w/encl:

R. Bird, Senior Vice President - Nuclear
L. Gustin, Vice President - Corporate Relations
K. Highfill, Vice President - Nuclear Operations
R. Anderson, Plant Manager
J. Dietrich, Licensing Division Manager
E. Robinson, Nuclear Information Manager
B. Fairbanks, Nuclear Engineering Department Manager
The Honorable Edward M. Kennedy
The Honorable John F. Kerry
The Honorable Edward J. Markey
The Honorable Edward P. Kirby
The Honorable Peter V. Forman
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
Chairman, Board of Selectmen, Bridgewater
Mayor, City of Taunton
Plymouth Civil Defense Director
M. Ernst, Committee on Energy, Commonwealth of Massachusetts
B. McIntyre, Chairman, Department of Public Utilities
N. Johnson, Chairman, Duxbury Nuclear Committee
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R. Boulay, Director, Massachusetts Civil Defense Agency and Office of
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NRC Resident Inspector
Commonwealth of Massachusetts (2)

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bcc w/encl:

Region I Docket Room (with concurrences)

J. Taylor, EDO

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J. Partlow, NRR

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R. Barkley, RI

J. Durr, RI

R. Gallo, RI

R. Bellamy, RI

W. Lazarus, RI

M. Miller, RI

K. Abraham, RI (2)

J. Macdonald, SRI - Pilgrim

T. Cerne, RI - Pilgrim

C. Carpenter, RI - Pilgrim

R. Freudenberger, RI - Maine Yankee

H. Eichenholz, SRI - Vermont Yankee

RI:DRP

Macdonald/meo
2/13/90

RI:DRP

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RI:DRP

Johnson
2/13/90

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PILGRIM STATUS 1/6 - 2/5/90 - 0003.0.0
02/13/90

ENCLOSURE

PILGRIM STATUS REPORT FOR THE PERIOD JANUARY 6 - FEBRUARY 5, 1990

1.0 Plant Status

As of 8:00 a.m. on February 5, 1990, the reactor was operating at full power with the turbine-generator synchronized to the grid.

2.0 Facility Operations Summary

During this report period, the plant was operated at full power.

3.0 Items of Special Interest

Brittle Fracture of Salt Service Water Pump Column

On January 11, 1990 while transporting the assembled "A" Salt Service Water (SSW) pump (without motor) from the maintenance shop to the intake structure, the impeller end of the pump was dropped approximately six to twelve inches onto the concrete surface. The impact of the drop caused a 360 degree through-wall fracture of one of the five column sections. Initial visual examination and subsequent metallurgical examinations concluded the fracture was brittle in nature. Testing of other column sections has not revealed any other areas with degraded material.

The SSW system at Pilgrim provides water from the ocean to cool plant safety-related components via heat exchangers. The system is configured with five pumps, two per division and one swing pump that can be aligned to either division should a pump become inoperable. Licensee operability analysis to date has shown that the SSW pumps are operable; however, licensee evaluation on the SSW system is ongoing. Specialists from NRC Region I, the Office of Nuclear Reactor Regulation (NRR) and the resident inspectors are following licensee activities. Detailed review of this event will be included in Inspection Report 50-293/90-05.

Senior Reactor Operator Licensing Examinations

During the week of January 29, 1990, NRC Senior Reactor Operator (SRO) licensing exams were administered. The process involves the administration of NRC-prepared operating and written examinations for those individuals requesting a Senior Reactor Operator licensee from the NRC. The results of this examination will be documented in Inspection Report 50-293/90-04.

4.0 Pilgrim Restart Staff Activities

The Pilgrim Restart Staff was in extended shift coverage throughout this report period.

An NRC-developed inspection plan addressing the 100% power plateau, as well as the primary functional areas of operations, maintenance, surveillance, and startup testing was implemented. The inspectors assessed operator performance, organizational interfaces, adherence to procedures, and Technical Specification compliance.

The Pilgrim Restart Staff continued to evaluate the performance of licensee personnel and the plant.

Contact with the press and public continued throughout the period. The NRC Restart Manager and Public Affairs Officers from both Region I and Headquarters have been handling inquiries.

Pilgrim Restart Staff Composition During Period

The Pilgrim Restart Staff on-site was comprised of the following personnel during the period.

J. Macdonald, Senior Resident Inspector
C. Carpenter, Resident Inspector
A. Cerne, Resident Inspector
R. Freudenberger, Resident Inspector, Maine Yankee
H. Eichenholz, Senior Resident Inspector, Vermont Yankee

On January 28, 1990, Mr. John B. Macdonald assumed the position of Senior Resident Inspector at Pilgrim, replacing Mr. Clay C. Warren, who previously assumed the position of Senior Resident Inspector in NRC Region IV.

During the weeks of January 8 and 22, 1990, one region-based inspector was onsite to inspect the radiological environmental and effluents programs. The results of these inspections will be documented in Inspection Report 50-293/90-01. During the week of January 8, three region-based inspectors were onsite to review the licensee's security program. The results of this inspection will be documented in Inspection Report 50-293/90-03. Also during the week of January 8, 1990, one region-based inspector was onsite to review the licensee's Engineering and Technical Support program. The results of this inspection will be documented in Inspection Report 50-293/90-02. On January 11-12, 1990, Mr. Robert J. Bores, Chief, Environmental and Radiation Protection Section was onsite.