

SEP 26 1986

Docket No. 50-293

MEMORANDUM FOR: Harry Kister, Chief
Projects Branch No. 1

FROM: Jack R. Strosnider, Chief
Reactor Projects
Section 1B

SUBJECT: PILGRIM STATUS REPORT FOR THE PERIOD SEPTEMBER 11 -
SEPTEMBER 24, 1986

Enclosed is the Pilgrim weekly status report from the NRC Resident Office at Pilgrim. Two NRC Resident Inspectors monitored routine activities at the plant during the report period. The reactor remained in cold shutdown throughout the period for maintenance.

These status reports are 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:

Jack R. Strosnider, Chief
Reactor Projects Section 1B

8610080218 860926
PDR ADOCK 05000293
P PDR

OFFICIAL RECORD COPY

PILGRIM STATUS RPT A - 0001.0.0
11/29/80 IE31


11

cc w/encl:


T. Murley, NRC, RI
W. Kane, RI
S. Ebnetter, NRC, RI
T. Martin, RI
J. Partlow, NRC, IE
S. Collins, RI
J. Zwolinski, NRC, NRR
J. Lydon, Chief Operating Officer, BECO
L. Oxsen, Vice President, Nuclear Operations, BECO
A. Pedersen, Station Manager, BECO
Paul Levy, Chairman, Department of Public Utilities
Chairman, Board of Selectmen
J. D. Keyes
R. Bowlay
Plymouth Civil Defense Director
Senator Edward P. Kirby
Representative Peter Forman
S. M. Pollard
M. Conyngham
M. R. Jeka
K. R. Anderson
The Honorable E. J. Markey
Public Document Room (PDR)
Local Public Document Room (LPDR)
Nuclear Safety Information Center (NSIC)
NRC Resident Inspector
Commonwealth of Massachusetts (2)

bcc w/encl:


Region I Docket Room (with concurrences)
Management Assistant, DRMA (w/o encl)
DRP Section Chief
P. Leech, LPM, NRR
PAO (2)

 RI:DRP
McBride

9/25/86

 RI:DRP
Strosnider

9/25/86

 RI:DRP
Kister

9/26/86

OFFICIAL RECORD COPY

PILGRIM STATUS RPT A - 0002.0.0
11/29/80

ENCLOSURE

PILGRIM STATUS REPORT FOR THE PERIOD SEPTEMBER 11, - SEPTEMBER 24, 1986

1.0 Plant Status

As of 8:00 a.m. on September 24, 1986, the reactor was in cold shutdown with reactor coolant temperature at approximately 100 degrees Fahrenheit.

2.0 Facility Operations Summary

The plant has been shut down for maintenance, and to make program improvements since April 12, 1986. Boston Edison announced on July 25, 1986 that the present outage will continue until early 1987 and will include refueling of the reactor. Recently Boston Edison announced they are targeting plant restart for April 1987. Plant restart cannot occur, however, without prior approval by the NRC Regional Administrator (Reference August 27, 1986 letter from Dr. Thomas E. Murley, NRC Regional Administrator, to Mr. James M. Lydon, Chief Operating Officer for Boston Edison Company).

3.0 Items of Special Interest

Residual Heat Removal System Instrument Line Weld Failures

The residual heat removal (RHR) system is used to cool the reactor during normal reactor shutdowns and to cool the reactor and control pressure in the containment following certain postulated accidents.

Recently, cracks were found in welds in five small (approximately one inch in diameter) RHR instrument lines. Complete failure of one of the lines would result in loss of certain RHR flow and pressure instruments. The licensee is inspecting other RHR instrument lines and evaluating causes of the weld cracks. The NRC is monitoring these activities.

Residual Heat Removal System Isolation

On September 17, 1986, a spurious instrument signal caused the RHR pump suction valves to automatically close. The RHR system was being used to maintain the reactor in cold (less than 212 degrees Fahrenheit) shutdown at the time. The closing signal was quickly cleared and the valves reopened. The temporary loss of cooling flow was of no safety concern since the reactor residual heat load is low.

The licensee informed the NRC, via the Emergency Notification System, of the automatic isolation. Licensee investigation to identify the source of the spurious signal is in progress.

Emergency Preparedness

The licensee, in conjunction with the Federal Emergency Management Agency, will conduct a full scale test of the emergency sirens on September 29, 1986. The test is designed to prove the functional capability and effectiveness of the emergency siren system.

4.0 NRC Staff Status during the Period

Two NRC Resident Inspectors monitored plant activities between September 11, and September 24, 1986. The resident inspector staff at Pilgrim during the report period consists of the following:

Martin McBride, Ph.D. --- Senior Resident Inspector

Jeffrey Lyash --- Resident Inspector