

MAY 3 1994

DES

Docket No. 50-293

Mr. E. Thomas Boulette, PhD
Senior Vice President - Nuclear
Boston Edison Company
Pilgrim Nuclear Power Station
Rocky Hill Road
Plymouth, Massachusetts 02360

Dear Mr. Boulette:

SUBJECT: PILGRIM INSPECTION 94-06

Messrs. J. Macdonald and D. Kern, of this office conducted a safety inspection on February 22 to April 4, 1994, at the Pilgrim Nuclear Power Station, Plymouth, Massachusetts. Areas relevant to the health and safety of the public examined during this inspection are described in the enclosed report. Our findings were based upon observations of performance and independent evaluations of safety systems and quality records. The preliminary results have been discussed with Mr. W. Rothert and other members of your staff at the conclusion of the inspection.

The recent forced outage to address a failed main steam isolation valve (MSIV) was effectively scheduled and executed in a well controlled manner. The issue team established to develop a troubleshooting and repair plan for the MSIV was deliberate and thoroughly evaluated potential failure mechanisms. Similarly, the review team established in response to concerns regarding possible configuration control weaknesses was an appropriate initiative that effectively implemented causal and barrier analysis methodologies to determine that system configuration controls were being positively controlled. Finally, the motor operator valve team review of a torque switch roll pin failure event resulted in the identification and notification to the industry of a generic and potentially significant sub-component deficiency. The collective efforts of these teams demonstrate the internal technical capabilities and safety perspectives of your staff when resources are properly focused and dedicated to issue resolution.

No reply to this report is necessary, and your cooperation with us is appreciated.

Sincerely,

Original Signed By:
James C. Linville

James Linville, Chief
Projects Branch No. 3
Division of Reactor Projects

160034
9405170114 940503
PDR ADOCK 05000293
G PDR

OFFICIAL RECORD COPY

1201
1/1

MAY 3 1994

Mr. E. Thomas Boulette, PhD

2

Enclosure: NRC Inspection Report No. 94-06

cc w/encl:

L. Schmeling, Plant Department Manager

R. Fairbank, Manager, Regulatory Affairs and Emergency Planning Department

D. Tarantino, Nuclear Information Manager

D. Ellis, Acting Compliance Division Manager

R. Hallisey, Department of Public Health, Commonwealth of Massachusetts

R. Adams, Department of Labor and Industries, Commonwealth of Massachusetts

The Honorable Edward M. Kennedy

The Honorable John F. Kerry

The Honorable Edward J. Markey

The Honorable Terese Murray

The Honorable Peter V. Forman

B. Abbanat, Department of Public Utilities

Chairman, Plymouth Board of Selectmen

Chairman, Duxbury Board of Selectmen

Chairman, Nuclear Matters Committee

Plymouth Civil Defense Director

Paul W. Gromer, Massachusetts Secretary of Energy Resources

Sarah Woodhouse, Legislative Assistant

A. Noguee, MASSPIRG

Regional Administrator, FEMA

Office of the Commissioner, Massachusetts Department of Environmental Quality
Engineering

Office of the Attorney General, Commonwealth of Massachusetts

T. Rapone, Massachusetts Executive Office of Public Safety

Chairman, Citizens Urging Responsible Energy

Public Document Room (PDR)

Local Public Document Room (LPDR)

Nuclear Safety Information Center (NSIC)

K. Abraham, PAO (2 copies)

NRC Resident Inspector

Commonwealth of Massachusetts, SLO Designee

OFFICIAL RECORD COPY

MAY 3 1994

Mr. E. Thomas Boulette, PhD

3

bcc w/encl:

Region I Docket Room (with concurrences)

R. Conte, DRP

J. Shedlosky, DRP

M. Oprendeck, DRP

bcc w/encl (VIA E-MAIL):

E. Kelly, DRS (Sections 4.0 & 7.3)

E. King, DRSS (Section 5.1)

R. Bores, DRSS (Section 5.2)

D. Vito, ORA (Section 5.2)

H. Ornstein, AEOD (Section 3.1)

W. Butler, NRR

R. Eaton, NRR

V. McCree, OEDO

M. Shannon, ILPB

RI:DRP

RI:DRP

RI:DRP

Macdonald/meo*
4/20/94

Conte *

Linville
5/3/94

OFFICIAL RECORD COPY

A:PIL9406.MEO

*SEE PREVIOUS CONCURRENCE PAGE.

MAY 3 1994

Mr. E. Thomas Boulette, PhD

3

bcc w/encl:

Region I Docket Room (with concurrences)

R. Conte, DRP

J. Shedlosky, DRP

M. Oprendeck, DRP

bcc w/encl (VIA E-MAIL):

E. Kelly, DRS (Sections 4.0 & 7.3)

E. King, DRSS (Section 5.1)

R. Bores, DRSS (Section 5.2)

D. Vito, ORA (Section 5.2)

H. Ornstein, AEOD (Section 3.1)

W. Butler, NRR

R. Eaton, NRR

W. Dean, OEDO

M. Shannon, ILPB

RI:DRP

J.D. for
Macdonald/meo
4/20/94

RI:DRP

[Signature]
Conte
4/22/94
w/conts

RI:DRP

[Signature]
Linville
5/3/94

OFFICIAL RECORD COPY

A:PIL9406.MEO