

DCS

FEB 09 1994

Docket No. 50-293

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

Dear Dr. Boulette:

**SUBJECT: EMERGENCY PREPAREDNESS (EP) INSPECTION 50-293/93-18**

Enclosed is the report of the announced, December 6-8, 1993 inspection, led by Mr. J. Lusher, of Pilgrim Nuclear Power Station Emergency Preparedness (EP) and of the full-participation ingestion pathway, EP exercise. Our inspection findings were based on observations, discussions with your staff, and document review by the inspectors. At the end of the inspection, the preliminary NRC findings were discussed with Mr. G. Davis, you and members of your staff.

The exercise scenario was deemed to be challenging by the inspectors and involved the use of containment venting to mitigate the consequences of the simulated accident. It adequately tested the major portions of the Pilgrim Emergency Plan and Implementing Procedures and exercised areas previously identified by the NRC as needing improvement.

Overall, the exercise demonstrated that the onsite emergency plan and procedures for the facility met NRC requirements and that the plant staff is capable of implementing them. However, communications problems resulted in two exercise weaknesses: diminished accident assessment by the Emergency Operations Facility staff and reduced performance by the Operations Support Center staff. Additionally, drill control was identified as an area for potential improvement.

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No reply to this letter is required. Thank you for your cooperation.

Sincerely,

Original Signed By:  
Ebe C. McCabe

 James H. Joyner, Chief  
Facilities Radiological Safety  
and Safeguards Branch  
Division of Radiation Safety  
and Safeguards

Enclosure: NRC Region I Inspection Report No. 50-293/93-18

cc w/encl:

E. Kraft, Vice President, Nuclear Operations and Station Director  
L. Schmeling, Plant Department Manager  
R. Fairbank, Manager, Regulatory Affairs and Emergency Planning Department  
D. Tarantino, Nuclear Information Manager  
G. Basileco, 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  
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)  
NRC Resident Inspector  
Commonwealth of Massachusetts, SLO Designee

Boston Edison Company

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bcc w/encl:

Region I Docket Room (with concurrences)

E. Kelly, DRP

J. Shedlosky, DRP

M. Shannon, ILPB

M. Oprendeck, DRP

bcc w/encl (VIA E-MAIL):

W. Butler, NRR

R. Eaton, NRR

V. McCree, OEDO

DRSS:RI

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Lusher  
02/08/94

DRSS:RI

*[Signature]*  
Keimig  
02/8/94

DRSS:RI

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Joyner  
02/8/94