

MAY 05 1992

Docket No. 50-293

Boston Edison Company  
ATTN: Mr. Roy A. Anderson  
Senior Vice President-Nuclear  
Pilgrim Nuclear Power Station  
RFD #1 Rocky Hill Road  
Plymouth, Massachusetts 02360

Dear Mr. Anderson:

Subject: Motor-Operated Valve Inspection at Pilgrim Nuclear Power Station (NRC  
Inspection Report 50-293/92-80)

This letter refers to the NRC team inspection conducted on March 9-13, 1992, at the Pilgrim Nuclear Power Station to evaluate the adequacy of your actions to assure the reliability of motor-operated valves (MOV's). Specifically, our inspection team reviewed the programs that you have developed in response to NRC Generic Letter 89-10, "Safety-Related Motor-Operated Valve Testing and Surveillance." Generic Letter 89-10 provides recommendations for licensees to develop and implement programs to ensure that motor-operated switch settings (torque, torque bypass, position limit and thermal overload) for motor-operated valves in safety-related systems are selected, set and maintained so that the motor-operated valves will operate adequately during design-basis conditions.

The results of this inspection, as detailed in the enclosed report, were discussed with you and members of your staff during the exit meeting held on March 13, 1992. The team determined that certain of your actions do not currently meet the intent of the generic letter and its supplements. At the exit meeting, your staff acknowledged the inspection findings and agreed to review the areas requiring clarifications or improvements for resolution. Table 1 of the enclosed report provides a summary of the inconsistencies of your MOV program with the NRC Generic Letter 89-10 recommendations. If your understanding of these agreements is different from that stated, please notify me in writing as soon as possible.

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The team identified that your current method to maintain control of motor-operated valve torque switch settings was inadequate. Several valves were identified with torque switch settings which differed from design documents or had torque switches set without including appropriate diagnostic test equipment inaccuracies. Your staff had identified this weakness during a self assessment of your Motor-Operated Valve program in April of 1991. However, timely corrective actions were not taken to resolve this issue. Your staff provided information regarding the corrective actions taken to resolve this issue during a telephone conversation on April 6, 1992.

Based on the results of this inspection, it appears that one of your activities was not conducted in full compliance with NRC requirements, as set forth in the Notice of Violation, enclosed herewith as Appendix A. Your response to this notice should follow the instructions provided in the Appendix.

Your cooperation with us in this matter is appreciated.

Sincerely,

ORIGINAL SIGNED BY  
WAYNE D. LANNING

Marvin W. Hodges, Director  
Division of Reactor Safety

Enclosures:

1. Appendix A, Notice of Violation
2. NRC Region I Inspection Report Number 50-293/92-80

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cc w/encl:

E. Boulette, Vice President, Nuclear Operations and Station Director  
E. Kraft, Plant Manager  
J. Dietrich, Licensing Division Manager  
V. Oheim, Manager, Regulatory Affairs Department  
D. Tarantino, Nuclear Information Manager  
N. Desmond, Compliance Division Manager  
R. Hallisey, Department of Public Health, Commonwealth of Massachusetts  
R. Adams, Department of Labor and Industries, Commonwealth of Massachusetts  
D. Long, Security Group Leader  
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  
B. McIntyre, Chairman, 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

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bcc w/encl:

Region I Docket Room (with concurrences and IFS Forms)

Management Assistant, DRM<sup>A</sup> (w/o encl)

DRS SALP Coordinator

J. Linville, DRP

J. Rogge, DRP

J. Macdonald, SRI - Pilgrim (with concurrences and IFS Forms)

W. Butler, NRR

R. Eaton, NRR

R. Lobel, OEDO

bcc w/Letter, Executive Summary and NOV Only

T. Martin, RA

W. Kane, DRA

C. Hehl, DRP

J. Wiggins, DRP

W. Lanning, DRS

L. Bettenhausen, DRS

RI:DRS

Trapp

*SM*  
4/2/92

RI:DRS

*fr* Eapen  
SLL

4/2/92

RI:DRS

Anderson

*E. H. for JA*  
5/1/92

RI:DRS *WDL*

Hodges

4/5/92

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C:PILGRIM.JT