

September 11, 1995

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E. Thomas Boulette, PhD
Senior Vice President - Nuclear
Boston Edison Company
Pilgrim Nuclear Power Station
600 Rocky Hill Road
Plymouth, Massachusetts 02360-5599

SUBJECT: PILGRIM STATION BLACKOUT FOLLOWUP INSPECTION 95-16

Dear Mr. Boulette:

This refers to the announced safety inspection conducted by Mr. G. Morris of this office from August 7-11, 1995, at the Pilgrim Nuclear Power Plant, Plymouth, Massachusetts. The inspection focused on issues important to public health and safety, specifically, your resolution of the four unresolved items from the station blackout inspection, and the root cause analysis and corrective actions to address the noise from the "A" emergency diesel generator. Our preliminary findings were discussed with Mr. L. J. Olivier and other members of your staff at the conclusion of the inspection.

The inspector reviewed the revised FSAR, updated operations and maintenance procedures, operations, maintenance and surveillance history, test results, engineering analyses, interviewed BECo personnel and concluded that adequate progress had been made to date to establish the reliability and capability of the station blackout diesel generator and the secondary (23 kV) electrical power source. BECo management committed to have the final electrical evaluations for the secondary preferred supply (23 kV) completed by September 11, 1995, and to submit the results of that evaluation to the NRC, Region I.

The inspector reviewed the safety evaluation, root cause analysis, interviewed engineering and operations personnel regarding the evaluation of the emergency diesel generator "A" stator noise and found the final corrective actions acceptable. The inspector observed that it took almost three years to perform the diagnostic examination to confirm the extent of the problem. While the electrical testing of the stator did not reveal significant degradation, EDG "A" was operated without a documented basis that the stator laminations would not have affected the machine.

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E. Thomas Boulette

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Your cooperation with us in this matter is appreciated. If your understanding of the above commitment differs, please call me at (610) 337-5376.

Sincerely,

William H. Ruland, Chief
Electrical Section
Division of Reactor Safety

Docket No. 50-293

Enclosure: NRC Inspection Report No. 50-293/95-16

cc w/encl:

L. Olivier, Vice President - Nuclear and Station Director
T. Sullivan, Plant Department Manager
R. Markovich, Manager, Regulatory Affairs and Emergency Planning Department
D. Tarantino, Nuclear Information Manager
D. Ellis, Acting Compliance Supervisor
R. Hallisey, Department of Public Health, Commonwealth of Massachusetts
The Honorable Therese Murray
The Honorable Linda Teagan
B. Abbanat, Department of Public Utilities
Chairman, Plymouth Board of Selectmen
Chairman, Duxbury Board of Selectmen
Chairman, Nuclear Matters Committee
Plymouth Civil Defense Director
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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
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D. Screnci, PAO (2) All Inspection Reports
NRC Resident Inspector
Commonwealth of Massachusetts, SLO Designee

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