

November 2, 1983

Docket No. 50-293

Mr. William D. Harrington
Senior Vice President, Nuclear
Boston Edison Company
800 Boylston Street
Boston, Massachusetts 02199

Dear Mr. Harrington:

SUBJECT: SAFETY EVALUATION FOR APPENDIX R TO 10 CFR PART 50,
ITEMS III.G.3 AND III.L

Re: Pilgrim Nuclear Power Station

This letter transmits the Safety Evaluation regarding the safe shutdown capability in the event of fire for Pilgrim Nuclear Power Station. The Safety Evaluation incorporates the technical input provided by our contractor, the Brookhaven National Laboratory. The safe shutdown capability was evaluated against the requirements of Section III.G.3 and III.L of Appendix R to 10 CFR Part 50. We conclude that the Pilgrim Nuclear Station conceptual design for alternate safe shutdown is in accordance with Appendix R, Section III.G.3 and III.L requirements with respect to safe shutdown in 17 fire areas, including the control room and the cable spreading room, as described in your letter dated June 25, 1982.

The exemptions you requested from some of the requirements of Section III.G of Appendix R to 10 CFR 50 for certain areas of the plant are under review and will be the subject of future correspondence.

Sincerely,

Original signed by/

Domenic B. Vassallo, Chief
Operating Reactors Branch #2
Division of Licensing

Enclosure:
Safety Evaluation

cc w/enclosure:
See next page

DISTRIBUTION:	Docket File	NRC PDR	LPDR	ORB#2 Reading
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10/26/83	10/26/83	10/02/83	10/2/83	

Mr. William D. Harrington
Boston Edison Company
Pilgrim Nuclear Power Station .

cc:

Mr. Charles J. Mathis, Station Mgr.
Boston Edison Company
RFD #1, Rocky Hill Road
Plymouth, Massachusetts 02360

Resident Inspector's Office
U. S. Nuclear Regulatory Commission
Post Office Box 867
Plymouth, Massachusetts 02360

Henry Herrmann, Esquire
Massachusetts Wildlife Federation
151 Tremont Street
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Environmental Commissioner
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Chairman, Board of Selectman
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