

June 20, 1984

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 OF THE IMPLEMENTATION
OF NUREG-0313, REVISION 1

Re: Pilgrim Nuclear Power Station, Unit 1

Generic Letter 81-04, dated February 26, 1981, requested that you review all ASME-Code Class 1 and 2 pressure boundary piping, safe ends, and fitting materials, including the weld metal in Pilgrim Nuclear Power Station, Unit 1 to determine if they were in compliance with the guidelines of NUREG-0313, Revision 1 "Technical Report on Material Selection and Processing Guidelines for BWR Coolant Pressure Boundary Piping," dated July 1980. By letters dated July 8, 1981 and May 20, 1983, you provided information in response to this Generic Letter.

The NRC staff has completed its review of your responses to Generic Letter 81-04. Our contractor, EG&G, concluded that your responses did not fully meet the guidelines set forth in NUREG-0313, Revision 1. However, recent experience related to intergranular stress corrosion cracking (IGSCC) and evaluation of the results of inspections conducted in response to I.E. Bulletins 82-03 and 83-02 and orders were outside of the scope of the review of issues addressed in Generic Letter 81-04. Therefore, we conclude that the assessment regarding conformance with NUREG-0313, Revision 1 guidelines is not currently germane because of the recently issued generic letters (Generic Letters 84-07 and 84-11) on this subject.

We are transmitting the enclosed Safety Evaluation, which also includes the Technical Evaluation Report prepared by our contractor, for your information and for assisting you in preparing your responses to Generic Letters 84-07 and 84-11 addressing this issue in terms of both short term reinspection and guidance for replacement of any affected system piping in your plant.

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P PDR

Mr. William D. Harrington

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This completes our action in reviewing your responses to Generic Letter 81-04 (NUREG-0313, Revision 1).

Sincerely,

Original signed by/

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

Enclosure:
As stated

cc w/enclosure:
See next page

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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

Mr. David F. Tarantino
Chairman, Board of Selectman
11 Lincoln Street
Plymouth, Massachusetts 02360

Water Quality and
Environmental Commissioner
Department of Environmental
Quality Engineering
100 Cambridge Street
Boston, Massachusetts 02202

Office of the Attorney General
1 Ashburton Place
19th Floor
Boston, Massachusetts 02108

U. S. Environmental Protection
Agency
Region I Office
Regional Radiation Representative
JFK Federal Building
Boston, Massachusetts 02203

Mr. Robert M. Hailisey, Director
Radiation Control Program
Massachusetts Department of
Public Health
600 Washington Street, Room 770
Boston, Massachusetts 02111

Thomas A. Murley
Regional Administrator
Region I Office
U. S. Nuclear Regulatory Commission
631 Park Avenue
King of Prussia, Pennsylvania 19406

Mr. A. Victor Morisi
Boston Edison Company
25 Braintree Hill Park
Rockdale Street
Braintree, Massachusetts 02184