

September 27, 1996

Mr. E. Thomas Boulette, Ph.D  
Senior Vice President - Nuclear  
Boston Edison Company  
Pilgrim Nuclear Power Station  
RFD #1 Rocky Hill Road  
Plymouth, MA 02360

SUBJECT: EVALUATION OF THE SECOND TEN-YEAR INTERVAL INSPECTION PROGRAM PLAN,  
REQUEST FOR RELIEF FOR PILGRIM NUCLEAR POWER STATION (TAC NO.  
M94978)

Dear Mr. Boulette:

By letter dated May 30, 1996, Boston Edison Company (the licensee) requested for relief from examination requirements for the residual heat removal and fuel pool cooling (RHR/FPC) intertie piping for the Second Ten-Year Interval at the Pilgrim Nuclear Power Station.

The NRC staff, with technical assistance from its contractor, the Idaho National Engineering Laboratory (INEL) has completed its review of the licensee's submittal. The licensee proposes to examine a 7.5% sample of the RHR/FPC intertie piping welds and a 15% sample of supports in the third interval. Based on the licensee's proposed alternative, reasonable assurance of operational readiness will be provided. The staff finds that compliance with the Code examination requirements would result in hardship or unusual difficulty without a compensating increase in the level of quality and safety. Therefore, the licensee's proposed alternative is authorized pursuant to 10 CFR 50.55a(a)(3)(ii), provided that a 7.5% sample of RHR/FPC intertie welds and a 15% sample of supports are examined in the third interval. The staff's safety evaluation is contained in the enclosure, with the attached INEL Technical Evaluation Report.

If you have any questions in this matter, please contact Mr. Alan Wang at (301) 415-1445.

Sincerely,

/s/

Guy S. Vissing, Acting Director  
Project Directorate I-1  
Division of Reactor Projects - I/II  
Office of Nuclear Reactor Regulation

Docket No. 50-293

Enclosures: Safety Evaluation  
w/attachment

cc w/encls: See next page

DISTRIBUTION:

Docket File	JZwolinski	OGC
PUBLIC	JMitchell	ACRS
PDI-1 Reading	SLittle	CCowgill, RGN-I
SVarga	REaton	TMcLellan

DFC 1/1

DOCUMENT NAME: G:\PILGRIM\m94978.isi

\*See previous concurrence

To receive a copy of this document, indicate in the box: "C" = Copy without enclosures "E" = Copy with enclosures "N" = No copy

OFFICE	LA:PDI-1*	PM:PDI-1*	OGC*	D:PDI-1(A)	
NAME	SLittle	AWang:snm	EHoller	GVissing <i>SL</i>	
DATE	09/12/96	09/27/96	09/20/96	09/27/96	09/ /96

9610010323 960927  
PDR ADOCK 05000293  
P PDR

OFFICIAL RECORD COPY

NRC FILE CENTER COPY



UNITED STATES  
NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555-0001

September 27, 1996

Mr. E. Thomas Boulette, Ph.D  
Senior Vice President - Nuclear  
Boston Edison Company  
Pilgrim Nuclear Power Station  
RFD #1 Rocky Hill Road  
Plymouth, MA 02360

SUBJECT: EVALUATION OF THE SECOND TEN-YEAR INTERVAL INSPECTION PROGRAM PLAN,  
REQUEST FOR RELIEF FOR PILGRIM NUCLEAR POWER STATION (TAC NO.  
M94978)

Dear Mr. Boulette:

By letter dated May 30, 1996, Boston Edison Company (the licensee) requested for relief from examination requirements for the residual heat removal and fuel pool cooling (RHR/FPC) intertie piping for the Second Ten-Year Interval at the Pilgrim Nuclear Power Station.

The NRC staff, with technical assistance from its contractor, the Idaho National Engineering Laboratory (INEL) has completed its review of the licensee's submittal. The licensee proposes to examine a 7.5% sample of the RHR/FPC intertie piping welds and a 15% sample of supports in the third interval. Based on the licensee's proposed alternative, reasonable assurance of operational readiness will be provided. The staff finds that compliance with the Code examination requirements would result in hardship or unusual difficulty without a compensating increase in the level of quality and safety. Therefore, the licensee's proposed alternative is authorized pursuant to 10 CFR 50.55a(a)(3)(ii), provided that a 7.5% sample of RHR/FPC intertie welds and a 15% sample of supports are examined in the third interval. The staff's safety evaluation is contained in the enclosure, with the attached INEL Technical Evaluation Report.

If you have any questions in this matter, please contact Mr. Alan Wang at (301) 415-1445.

Sincerely,

A handwritten signature in cursive script, appearing to read "Guy S. Vissing".

Guy S. Vissing, Acting Director  
Project Directorate I-1  
Division of Reactor Projects - I/II  
Office of Nuclear Reactor Regulation

Docket No. 50-293  
Enclosures: Safety Evaluation  
w/attachment

cc w/encls: See next page

E. Thomas Boulette

Pilgrim Nuclear Power Station

cc:

Mr. Leon J. Olivier  
Vice President of Nuclear  
Operations & Station Director  
Pilgrim Nuclear Power Station  
RFD #1 Rocky Hill Road  
Plymouth, MA 02360

Resident Inspector  
U. S. Nuclear Regulatory Commission  
Pilgrim Nuclear Power Station  
Post Office Box 867  
Plymouth, MA 02360

Chairman, Board of Selectmen  
11 Lincoln Street  
Plymouth, MA 02360

Chairman, Duxbury Board of Selectmen  
Town Hall  
878 Tremont Street  
Duxbury, MA 02332

Office of the Commissioner  
Massachusetts Department of  
Environmental Protection  
One Winter Street  
Boston, MA 02108

Office of the Attorney General  
One Ashburton Place  
20th Floor  
Boston, MA 02108

Mr. Robert M. Hallisey, Director  
Radiation Control Program  
Massachusetts Department of  
Public Health  
305 South Street  
Boston, MA 02130

Regional Administrator, Region I  
U. S. Nuclear Regulatory Commission  
475 Allendale Road  
King of Prussia, PA 19406

Ms. Jane Fleming  
8 Oceanwood Drive  
Duxbury, MA 02332

Mrs. Nancy Desmond  
Manager, Reg. Affairs Dept.  
Pilgrim Nuclear Power Station  
RFD #1 Rocky Hill Road  
Plymouth, MA 02360

Mr. David F. Tarantino  
Nuclear Information Manager  
Pilgrim Nuclear Power Station  
RFD #1, Rocky Hill Road  
Plymouth, MA 02360

Ms. Kathleen M. O'Toole  
Secretary of Public Safety  
Executive Office of Public Safety  
One Ashburton Place  
Boston, MA 02108

Mr. David Rodham, Director  
Massachusetts Emergency Management  
Agency  
400 Worcester Road  
P.O. Box 1495  
Framingham, MA 01701-0317  
Attn: James Muckerheide

Chairmen, Citizens Urging  
Responsible Energy  
P. O. Box 2621  
Duxbury, MA 02331

Citizens at Risk  
P. O. Box 3803  
Plymouth, MA 02361

W. S. Stowe, Esquire  
Boston Edison Company  
800 Boylston St., 36th Floor  
Boston, MA 02199

Chairman  
Nuclear Matters Committee  
Town Hall  
11 Lincoln Street  
Plymouth, MA 02360

Mr. William D. Meinert  
Nuclear Engineer  
Massachusetts Municipal Wholesale  
Electric Company  
P.O. Box 426  
Ludlow, MA 01056-0426

Mr. Jeffrey Keene  
Regulatory Affairs Department  
Manager  
Boston Edison Company  
600 Rocky Hill Road  
Plymouth, MA 02360-5599