



**Boston Edison**

Pilgrim Nuclear Power Station  
Rocky Hill Road  
Plymouth, Massachusetts 02360

**E. T. Boulette, PhD**

Senior Vice President - Nuclear

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BECo Ltr. #95-091

U.S. Nuclear Regulatory Commission  
Attention: Document Control Desk  
Washington, DC 20555

Docket No. 50-293  
License No. DPR-35

Third Ten Year Interval Inservice Inspection Plan  
Pilgrim Nuclear Power Station

The attached inservice inspection (ISI) plan for Pilgrim Nuclear Power Station (PNPS), was developed in accordance with the requirements of 10 CFR 50.55a, January 1, 1994, and Inspection Program B of the 1989 Edition of the American Society of Mechanical Engineers (ASME) Boiler and Pressure Vessel Code, Section XI.

This Inservice Inspection Plan provides details necessary for performing inservice inspections of the Class 1, 2, and 3 pressure retaining components and supports. The third 10 year interval ISI plan is effective from July 1, 1995, through June 30, 2005. The initial commercial operating license for Pilgrim was issued on June 8, 1972. As allowed by ASME Section XI, Paragraph IWA-2403(e), the Second Inspection Interval was extended to June 30, 1995. Inspections conducted subsequent to July 1, 1995 will be in accordance with the enclosed 3rd ten year ISI plan and the 1989 ASME code.

Because PNPS is on a 24 month fuel cycle, the first scheduled refuel outage in the third inspection interval is RFO 11, nominally scheduled for March, 1997. However, some inspections will be conducted on-line.

Inservice inspection relief requests, written in accordance with 10 CFR 50.55a(g)(5), when specific ASME Section XI requirements are considered impractical, are listed in Section 4.4 of the enclosed plan. Throughout the life of PNPS certain relief requests were proposed. An index of these relief requests is presented in Table 4.3 as an aid for the reviewers of the 3rd ten year plan.

Drawings related to the proposed ISI plan and a table of scheduled examinations are being prepared and will be sent under separate cover when completed.

To assist reviewers, requests for code relief or exemptions are included in this submittal.

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Enclosed with this ISI plan are:

<u>Relief Request</u>	<u>Description</u>
PRR-1	Volumetric examination of penetration circumferential welds.
PRR-7	Examination of welds in containment atmosphere control system piping.
PRR-9	Examination of reactor vessel nozzles.
PRR-11	Alternate provisions for the pressure testing of salt service water pumps.
PRR-13	Alternate provisions for pressure testing code Class 2 piping and valves at containment penetrations where the balance of the system is outside the scope of Section XI.
PRR-17	Alternate examinations for inaccessible welds.
PRR-21	Alternate criteria for Class 1 pressure tests.
PRR-22	Alternate documentation submittal process for inaccessible piping welds and supports.
PRR-23	Alternate examination requirements for longitudinal welds in Class 1 piping.
PRR-24	Exemption from Appendix VII ultrasonic examination personnel qualification requirements.

The above requests are described in Section 4 of the enclosed ISI plan.

Should you have any questions on this submittal, please direct these to Mr. Frank Famulari, at (508)830-8269.

  
E. T. Boulette, PhD

ETB/GGW/Rap95/3ISI

Attachment

Enclosure: Third Ten Year Interval ISI Plan for Pilgrim Nuclear Power Station

cc: Mr. R. Eaton, Project Manager  
Division of Reactor Projects - I/II  
Mail Stop: 14D1  
U. S. Nuclear Regulatory Commission  
1 White Flint North  
11555 Rockville Pike  
Rockville, MD 20852

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

Senior Resident Inspector  
Pilgrim Nuclear Power Station