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November 20, 2001

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

SUBJECT: Entergy Nuclear Generation Company
Pilgrim Nuclear Power Station
Docket No. 50-293 10 CFR 50.55a(a)(3)(i)
License No. DPR-35

Amendment 01-01 To The Third Ten- Year Interval Inservice Inspection Program

LETTER NUMBER: 2.01.103

Pursuant to 10 CFR 50.55a(a)(3)(i), Entergy Nuclear Generation Company submits the attached Amendment 01-01 to the Pilgrim Ten Year Interval Inservice Inspection (ISI) Program. The Amendment incorporates NRC approved ASME Code Cases and Pilgrim Risk-Informed ISI program. In addition, certain administrative changes have been incorporated that do not materially change the scope of the ISI program.

A summary of the changes and instructions to update the ISI program are attached.

If you have any questions regarding the information contained in this letter, please contact Walter Lobo at (508) 830-7940.

W.J. Riggs

WGL/ISI-Amd01-01.doc

Attachment: Amendment 01-01Pilgrim ISI Program

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A047

CHANGE INFORMATION NOTICE FOR PILGRIM ISI PROGRAM MANUAL CHANGE PER ISI PROGRAM AMENDMENT 01-01

Remove and Discard	Rev.	Insert	Rev.
iii, iv	1	iii, iv	2
1-2	1	1-2	2
---	--	1-3	2
3-1 thru 3-9	1	3-1 thru 3-11	2
Table 3-2: pages 3-10 thru 3-57	1	Table 3-2: pages 3-12 thru 3-52	2
---	--	Table 3-3: 3-53, 3-54	2
---	--	Table 3-4: 3-55 thru 3-64	2
---	--	Table 3-5: 3-65 thru 3-74	2
4-1 thru 4-4	1	4-1 thru 4-4	2
4-6	1	4-5	2
4-7 thru 4-10	1	4-7 thru 4-10	2
---	--	4-48 thru 4-54	2
5-2, 5-3	1	5-2, 5-3, 5-4	2

INSERVICE INSPECTION PROGRAM
AMENDMENT ISI 01-01

This amendment to the Pilgrim Station Third Ten-Year Interval Inservice Inspection Plan incorporates the risk-informed inservice inspection (RI-ISI) application on Class 1 piping welds. It also incorporates minor changes made to the plan since Amendment No. 98-01 was issued. The following changes were made:

1. The "Table of Contents" and "Revision Summary Sheet" were revised as appropriate.

2. Paragraph 1.2.6 was added in the "Basis for Inservice Inspection Plan" section.

3. Paragraph 3.1.3 was revised to replace an example that used Examination Category B-J criteria with one that used Examination Category C-F-2 criteria.

4. Sections 3.3 and 3.4 were added to describe new Tables 3.3, 3.4 and 3.5 for risk-informed inservice inspections.

5. Circumferential welds previously listed in Table 3.1 under Examination Categories B-F and B-J were moved to new Table 3.3. Table 3.1 was revised and Note 6 was added to address this topic.

6. Relief requests listed in Table 3.1 under Examination Categories B-F and B-J will remain in the table for historical purposes. However, since Relief Request PRR-1 is being withdrawn, any references to this relief request are being deleted from the table.

7. Table 3.2 was updated to replace the Class 1 piping weld examination schedule previously established per ASME Section XI, with the examination schedule resulting from the RI-ISI application.

8. Table 3.3 was added to address the new RI-ISI Examination Category and Code Item Numbers as well as the RI-ISI examination criteria.

9. Table 3.4 was added to list the welds that are scheduled for examination during the remainder of the third ten-year ISI interval per the RI-ISI application.

10. Table 3.5 was added to list all the welds that were selected for examination per the RI-ISI application.

11. Section 4.1.1 was revised to address Code Cases that are listed for use in the Code of Federal Regulations, 10CFR50.55a.

12. Code Cases N-513, N-522, and N-523-1 were included in Table 4.1.

13. Paragraph 4.1.2 was revised to reference Code Case N-578, and reference "PNPS" instead of "BECo"..

14. In Paragraph 4.1.3, a reference to "Boston Edison Company" was changed to "PNPS".

15. Table 4.3 was revised to indicate the following:

    A) Relief Request PRR-1 was withdrawn.

    B) Relief Request PRR-13 was not approved by the NRC.

    C) Relief Request PRR-25 was added.

16. Paragraph 4.4.3 was added to the section on relief requests to address the RI-ISI submittal.

17. Relief Request PRR-1 was withdrawn.

18. Relief Request PRR-25 was added to the ISI Plan. This relief request had been previously submitted by PNPS and approved by the NRC, so its inclusion is just a formality.

19. Sixteen letters were added to Section 5.0, six of which reference the RI-ISI template submittal, supplemental submittals, and the NRC SER letter. The numbering for all the references was changed from letters to numbers.

THIRD TEN-YEAR INTERVAL INSERVICE INSPECTION PLAN FOR THE PILGRIM NUCLEAR POWER STATION

TABLE OF CONTENTS

THIRD TEN-YEAR INTERVAL INSERVICE INSPECTION PLAN FOR THE PILGRIM NUCLEAR POWER STATION

REVISION SUMMARY SHEET

SECTION	EFFECTIVE PAGE(S)	REVISION	DATE
1.0	1-1	0	7/1/95
1.1	1-1	0	7/1/95
1.2	1-1 to 1-2	Amendment 01-01	10/29/01
1.3	1-3	0	7/1/95
1.4	1-3	0	7/1/95
2.0	2-1	0	7/1/95
2.1	2-1 to 2-2	0	7/1/95
2.2	2-3 to 2-7	Amendment 98-01	4/15/98
3.0	3-1 to 3-81	Amendment 01-01	10/29/01
4.0	4-1	0	7/1/95
4.1	4-1 to 4-3	Amendment 01-01	10/29/01
4.2	4-3	0	7/1/95
4.3	4-4	Amendment 01-01	10/29/01
4.4	Reference Section 4.3 for Revision Status of Relief Requests		
5.0	5-1 to 5-3	Amendment 01-01	10/29/01

1.2.2.2 The snubber inservice inspection requirements of Paragraphs IWF-5200(a), IWF-5200(b), IWF-5300(a), and IWF-5300(b) are not addressed in this Inservice Inspection Plan. The extent, frequency, and acceptance standards for snubber assembly testing and inspection will be in accordance with Pilgrim Technical Specification 3.6.I.

1.2.3 Alternative requirements to ASME Section XI, 1989 Edition, are set forth in Section 4.0 of this Inservice Inspection Plan. Alternative requirements are in accordance with 10 CFR 50.55a and ASME Section XI.

1.2.4 With the exception of examinations that may be deferred until the end of the inspection interval as specified in Table IWB-2500-1, inservice inspections shall be performed in accordance with Inspection Program B as outlined in IWA-2432, IWB-2412, IWC-2412 and IWD-2412 of ASME Section XI. The inspection schedule for the Third Interval is divided into three periods such that approximately one third of the inspections will be completed every period. Successive inspections shall be in accordance with IWB-2420, IWC-2420, and Code Case N-491, paragraph -2420. Deviations to inspection schedules may occur provided compliance with Code requirements is maintained.

1.2.5 The commercial operating license date for the Pilgrim Nuclear Power Station was June 8, 1972. As allowed by ASME Section XI, Paragraph IWA-2430(e), the Second Inspection Interval was extended to June 30, 1995.

1.2.6 From February 2000 through December 2000, a risk-informed inservice inspection (RI-ISI) program was generated for Class 1 piping (i.e., ASME Section XI Examination Categories B-F and B-J) at the Pilgrim Nuclear Power Station. This RI-ISI application was performed in accordance with the Electric Power Research Institute (EPRI) Topical Report No. TR-112657, Rev. B-A, "Revised Risk-Informed Inservice Inspection Evaluation Procedure." In addition, the RI-ISI application was conducted in a manner consistent with ASME Section XI Code Case N-578, "Risk-Informed Requirements for Class 1, 2, and 3 Piping, Method B." Utilizing the results of the risk-informed process, a plant specific request for alternative inspections was generated in accordance with regulatory requirements. This request was prepared using a standard template format that was developed by industry representatives, NEI and NRC to streamline the RI-ISI submittal and NRC review process. The Pilgrim Station RI-ISI template was submitted to the NRC on December 27, 2000, and supplemented in letters to the NRC dated January 19, 2001, March 8, 2001, March 27, 2001, and April 11, 2001. Based upon the RI-ISI template submittal and supplemental submittals described above, the NRC issued an SER on May 2, 2001, which approved use of the RI-ISI Program at the Pilgrim Nuclear Power Station. The Pilgrim Station Third Ten-Year Interval Inservice Inspection Plan has been revised accordingly to incorporate the risk-informed examination criteria for Examination Category B-F and B-J circumferential piping welds. Note that in accordance with approved Relief Request No. PRR-23, longitudinal Class 1 piping welds do not require examination beyond the length of the welds that are normally examined during inspection of the intersecting circumferential welds. As such, the RI-ISI application concentrates on circumferential Class 1 piping welds.

1.3 System Classification

1.3.1 At the time Pilgrim Station was constructed, the ASME Boiler and Pressure Vessel Code only covered nuclear vessels and associated piping up to and including the first isolation or check valve. Therefore, piping, pumps and valves were built primarily to the rules of USAS B31.1.0 - 1967 Edition. Piping modifications such as the recirculation system pipe replacement were constructed to ASME Section III.

1.3.2 The quality group classification system for water, steam and radioactive waste containing components important to the safety of water-cooled nuclear power plants is established by NRC Regulatory Guide 1.26, Revision 3, in conjunction with 10 CFR 50.55a. Regulatory Guide 1.26, "Quality Group Classification and Standards", defines the Quality Group Classification System consisting of four Quality Groups, A through D. The definition of Quality Group A (Class 1) is provided by 10 CFR 50.2 under "Reactor Coolant Pressure Boundary". The definitions of Groups B, C, and D (Class 2, Class 3 and ISI non-classed, respectively) are provided by Regulatory Guide 1.26.

1.3.3 In accordance with ASME Section XI, Paragraph IWB-1220(a) and 10 CFR 50.55a, piping may be exempted from the volumetric and surface examinations of ASME Section XI, provided they are connected to the reactor coolant pressure boundary, and are of such size and shape that upon a postulated rupture, the resulting flow of coolant under normal operating conditions is within the make-up capacity of the plant. As documented in BECo Memorandum No. NED 90-300, attached NUTECH Letter No. BOS-06-011 and its associated calculation, Class 1 piping in water systems with an inside diameter of 1.10" or less, and piping in steam systems with an inside diameter of 2.20" or less qualify for the make-up capacity exemption of IWB-1220(a).

1.3.4 Components subject to inservice inspection are shown on the Inservice Inspection Boundary Drawings listed in Section 2.1 of this Inservice Inspection Plan. Pursuant to 10 CFR 50.55a, the inservice inspection requirements of ASME Section XI have been assigned to these components within the constraints of existing plant design.

1.4 Augmented Inservice Inspection Requirements

Augmented inservice inspection requirements are those examinations that are specified by documents other than the ASME Section XI Code. The augmented inservice inspections performed at the Pilgrim Nuclear Power Station are documented in the controlled Quality Assurance Department, Quality Control Instruction No. 20.48, "Control of Augmented Examinations".

SECTION 3.0
INSERVICE INSPECTION SUMMARY TABLES

This section provides a summary listing of all items subject to inservice inspections during the Third Inservice Inspection Interval at the Pilgrim Nuclear Power Station.

3.1 ASME Section XI Inservice Inspections

The ASME Section XI Inservice Inspection Summary Table 3.1 provides the following information:

3.1.1 Examination Category

This column lists the examination category as identified in ASME Section XI, Tables IWB-2500-1, IWC-2500-1, IWD-2500-1, and Code Case N-491, paragraph -2500-1. Only those examination categories applicable to the Pilgrim Station are identified.

3.1.2 Item Number and Description of Components Examined

These columns list the item number and description as defined in ASME Section XI, Tables IWB-2500-1, IWC-2500-1, IWD-2500-1, and Code Case N-491, paragraph -2500-1. Only those item numbers applicable to the Pilgrim Station are identified.

3.1.3 Number of Components

This column lists the total population of components potentially subject to examination. The number of components actually examined during the inspection interval will be based upon the Code requirements for the subject item number (e.g., 7.5% of Examination Category C-F-2, Item Number C5.51 components will be examined during the inspection interval).

3.1.4 Examination Method

The column lists the examination method(s) required by ASME Section XI, Tables IWB-2500-1, IWC-2500-1, IWD-2500-1, and Code Case N-491, paragraph -2500-1.

3.1.5 Relief Request Number

This column provides a listing of applicable relief requests. If a relief request number is identified, see the corresponding relief request in Section 4.4.

3.2 Components Scheduled for Examination in the Third Ten Year Interval

Table 3.2 details components selected for examination

3.3 Risk-Informed Inservice Inspections on Class 1 Piping Welds

In 2001, the Pilgrim Nuclear Power Station implemented a risk-informed inservice inspection program for Class 1 piping welds (i.e., Examination Categories B-F and B-J). As part of this application, the Class 1 circumferential piping welds were assigned alternate Examination Category and Code Item Numbers that are consistent with ASME Section XI Code Case N-578-1. For this new numbering system, the following should be noted:

- The numbering system established in Code Case N-578-1 is similar to the one used in Code Case N-578. However, the Code Case N-578-1 numbering system is more complete, and more accurately reflects the technical criteria established in EPRI Topical Report No. TR-112657. For these reasons, the numbering system established in Code Case N-578-1 will be used instead of the one shown in Code Case N-578.

- In accordance with approved Relief Request No. PRR-23, longitudinal Class 1 piping welds do not require examination beyond the length of the welds that are normally examined during inspection of the intersecting circumferential welds. Therefore, there is no need to separately address these welds in the risk-informed application. As such, Class 1 longitudinal piping welds remain listed in Table 3.1 with their original ASME Section XI designations.

The alternate risk-informed Examination Category and Code Item Numbers are shown in Table 3.3. The Class 1 circumferential piping welds that were previously listed in Table 3.1 have been moved to Table 3.3. Note that the total number of Class 1 circumferential piping welds in the ISI Program remains unchanged. Only the designations have been changed to reflect the Examination Category and Code Item Numbers established in Code Case N-578-1.

The Risk-Informed Inservice Inspection Summary Table 3.3 provides the following information:

3.3.1 Examination Category

This column lists the examination category as identified in ASME Section XI Code Case N-578-1.

3.3.2 Item Number

This column lists the item number as defined in ASME Section XI Code Case N-578-1.

3.3.3 Parts Examined

This column provides a description of the elements to be examined, which are classified by their potential degradation mechanism.

3.3.4 Number of Elements

This column lists the total population of elements potentially subject to examination. This column is broken down into three subcolumns based on risk category. 25% of the "High Risk", and 10% of the "Medium Risk" elements are subject to examination. "Low Risk" elements are not subject to risk-informed examinations, but they are still subject to the standard pressure testing requirements of ASME Section XI for Class 1 piping.

3.3.5 Examination Method

The column lists the examination method(s) required by EPRI Topical Report No. TR-112657

3.3.6 Relief Request Number

This column provides a listing of applicable relief requests. If a relief request number is identified, see the corresponding relief request in Section 4.4.

3.4 Elements Selected and Scheduled for Examination per the Risk-Informed Inservice Inspection Application on Class 1 Piping Welds

Table 3.4 lists the welds that are scheduled for examination in the remainder of the Third Ten-Year Inservice Inspection Interval per the risk-informed application on Class 1 piping welds. At the time the RI-ISI application was implemented, 34% of the examinations required by ASME Section XI had been completed for Examination Category B-F and B-J piping welds. Beginning in the second period of the third interval, the examinations determined by the RI-ISI process replaced those formerly selected per ASME Section XI criteria. Since 34% of the examinations had been completed during the first period of the third interval, 66% of the RI-ISI examinations will be performed during the remaining three refuel outages in the second and third periods so that 100% of the selected examinations are performed during the course of the interval. For information purposes, Table 3.5 lists all the welds that were selected for examination for an entire ten-year interval per the RI-ISI application.

TABLE 3.1
ASME SECTION XI
INSERVICE INSPECTION SUMMARY TABLE

Examination Category	Item Number	Description	Number of Components	Examination Method(s)	Relief Request
B-A	B1.11	Circumferential Shell Welds	4	Volumetric	PRR-24
	B1.12	Longitudinal Shell Welds	12	Volumetric	PRR-24
	B1.21	Circumferential Head Welds	3	Volumetric	PRR-24
	B1.22	Meridional Head Welds	22	Volumetric	PRR-24
	B1.30	Shell-to-Flange Weld	1	Volumetric	PRR-24
	B1.40	Head-to-Flange Weld	1	Volumetric & Surface	PRR-24
B-D	B3.90	Nozzle-to-Vessel Welds in Reactor Vessel	28	Volumetric	PRR-9 PRR-24
	B3.100	Nozzle Inside Radius Section in Reactor Vessel	28	Volumetric	PRR-9 PRR-24
B-E	B4.11	Partial Penetration Vessel Nozzle Welds	6	Visual, VT-2	
	B4.12	Partial Penetration Control Rod Drive Nozzle Welds	145	Visual, VT-2	
	B4.13	Partial Penetration Instrumentation Nozzle Welds	42	Visual, VT-2	

TABLE 3.1
ASME SECTION XI
INSERVICE INSPECTION SUMMARY TABLE

Examination Category	Item Number	Description	Number of Components	Examination Method(s)	Relief Request
B-F[6]	B5.10[6]	Reactor Vessel Dissimilar Metal Nozzle-to-Safe End Butt Welds NPS 4 or Larger	See Note 6 and Table 3.3	See Note 6 and Table 3.3	PRR-24
	B5.20[6]	Reactor Vessel Dissimilar Metal Nozzle-to-Safe End Butt Welds Less than NPS 4	See Note 6 and Table 3.3	See Note 6 and Table 3.3	
	B5.130[6]	Dissimilar Metal Butt Welds in Piping NPS 4 or Larger	See Note 6 and Table 3.3	See Note 6 and Table 3.3	PRR-24
	B5.140[6]	Dissimilar Metal Butt Welds in Piping Less than NPS 4	See Note 6 and Table 3.3	See Note 6 and Table 3.3	
	B5.150[6]	Dissimilar Metal Socket Welds in Piping	See Note 6 and Table 3.3	See Note 6 and Table 3.3	
B-G-1	B6.10	Reactor Vessel Closure Head Nuts	56	Surface	
	B6.20	Reactor Vessel Closure Studs, in Place	52	Volumetric	PRR-24
	B6.30	Reactor Vessel Closure Studs, when Removed	4	Volumetric & Surface	PRR-24
	B6.40	Threads in Reactor Vessel Flange	56	Volumetric	PRR-24
	B6.50	Reactor Vessel Closure Washers, Bushings	56	Visual, VT-1	
	B6.180	Bolts & Studs in Pumps	2	Volumetric	PRR-24
	B6.190	Flange Surface, When Connection Disassembled, in Pumps	2	Visual, VT-1	
	B6.200	Nuts, Bushings, & Washers in Pumps	2	Visual, VT-1	

TABLE 3.1
ASME SECTION XI
INSERVICE INSPECTION SUMMARY TABLE

Examination Category	Item Number	Description	Number of Components	Examination Method(s)	Relief Request
B-G-2	B7.10	Bolts, Studs, & Nuts in Reactor Vessel	3	Visual, VT-1	
	B7.50	Bolts, Studs, & Nuts in Piping	4	Visual, VT-1	
	B7.70	Bolts, Studs, & Nuts in Valves	64	Visual, VT-1	
	B7.80	Bolts, Studs, & Nuts in CRD Housings	145	Visual, VT-1	
B-H	B8.10	Integrally Welded Attachments to Reactor Vessel	5	Augmented 10% Sample	
B-J[6]	B9.11[6]	Circumferential Welds in Piping NPS 4 or Larger	See Note 6 and Table 3.3	See Note 6 and Table 3.3	PRR-24
	B9.12	Longitudinal Welds in Piping NPS 4 or Larger	280	Volumetric & Surface	PRR-23 PRR-24
	B9.21[6]	Circumferential Welds in Piping Less than NPS 4	See Note 6 and Table 3.3	See Note 6 and Table 3.3	
	B9.31[6]	Branch Pipe Connection Welds NPS 4 or Larger	See Note 6 and Table 3.3	See Note 6 and Table 3.3	PRR-24
	B9.32[6]	Branch Pipe Connection Welds Less than NPS 4	See Note 6 and Table 3.3	See Note 6 and Table 3.3	
	B9.40[6]	Socket Welds	See Note 6 and Table 3.3	See Note 6 and Table 3.3	

TABLE 3.1
ASME SECTION XI
INSERVICE INSPECTION SUMMARY TABLE

Examination Category	Item Number	Description	Number of Components	Examination Method(s)	Relief Request
B-K-1	B10.10	Integrally Welded Attachments to Piping	35	Augmented 10% Sample	
	B10.20	Integrally Welded Attachments to Pumps	2		
B-L-2	B12.20	Pump Casings	2	Visual, VT-3	
B-M-1	B12.30	Valve Body Welds, Valves Less Than NPS 4	2	Surface	
	B12.40	Valve Body Welds, Valves NPS 4 and Larger	2	Volumetric	PRR-24
B-M-2	B12.50	Valve Bodies, Exceeding NPS 4	48	Visual, VT-3	
B-N-1	B13.10	Vessel Interior	1	Visual, VT-3	
B-N-2	B13.20	Interior Attachments within Beltline Region in Reactor Vessel	23	Visual, VT-1	
	B13.30	Interior Attachments beyond Beltline Region in Reactor Vessel	48	Visual, VT-3	
	B13.40	Core Support Structure in Reactor Vessel	1	Visual, VT-3	

TABLE 3.1
ASME SECTION XI
INSERVICE INSPECTION SUMMARY TABLE

Examination Category	Item Number	Description	Number of Components	Examination Method(s)	Relief Request
B-O	B14.10	Welds in CRD Housing	145 Total (36 Peripheral)	Volumetric or Surface	PRR-24
B-P	B15.10	Reactor Vessel - System Leakage Test	1	Visual, VT-2	
	B15.11	Reactor Vessel - System Hydrostatic Test	See Note 4	Visual, VT-2	
	B15.50	Piping - System Leakage Test	See Note 1	Visual, VT-2	PRR-21
	B15.51	Piping - System Hydrostatic Test	See Notes 1, 4	Visual, VT-2	
	B15.60	Pumps - System Leakage Test	See Note 1	Visual, VT-2	PRR-21
	B15.61	Pumps - System Hydrostatic Test	See Notes 1, 4	Visual, VT-2	
	B15.70	Valves - System Leakage Test	See Note 1	Visual, VT-2	PRR-21
	B15.71	Valves - System Hydrostatic Test	See Notes 1, 4	Visual, VT-2	
C-A	C1.10	Shell Circumferential Welds in Pressure Vessels	6	Volumetric	PRR-24
	C1.20	Head Circumferential Welds in Pressure Vessels	4	Volumetric	PRR-24

TABLE 3.1
ASME SECTION XI
INSERVICE INSPECTION SUMMARY TABLE

Examination Category	Item Number	Description	Number of Components	Examination Method(s)	Relief Request
C-B	C2.31	Reinforcing Plate Welds to Nozzle & Vessel for Nozzles with Reinforcing Plates in Vessels > 1/2" Nominal Thickness	8	Surface	
	C2.33	Nozzle-to-Shell (or Head) Welds when Inside of Vessel is Inaccessible, for Vessels > 1/2" Nominal Thickness with Reinforcing Plates	4	Visual, VT-2	
C-C	C3.10	Integrally Welded Attachments to Pressure Vessels	8	Surface	
	C3.20	Integrally Welded Attachments to Piping	24	Surface	
	C3.30	Integrally Welded Attachments to Pumps	6	Surface	
C-F-1	C5.11	Circumferential Welds in Austenitic Stainless Steel or High Alloy Piping ≥ 3/8" Nominal Wall Thickness for Piping > NPS 4	12[2]	Volumetric & Surface[2]	PRR-24
C-F-2	C5.51	Circumferential Welds in Carbon or Low Alloy Steel Piping ≥ 3/8" Nominal Wall Thickness for Piping > NPS 4	989[2]	Volumetric & Surface[2]	PRR-7 PRR-17 PRR-24
	C5.81	Circumferential Welds in Carbon or Low Alloy Steel Pipe Branch Connections of Branch Piping > NPS 4 (Reference Table IWC-2500-1, Note 1)	14[2]	Surface	

TABLE 3.1
ASME SECTION XI
INSERVICE INSPECTION SUMMARY TABLE

Examination Category	Item Number	Description	Number of Components	Examination Method(s)	Relief Request
C-G	C6.20	Valve Body Welds	22	Surface	
C-H	C7.10	Pressure Vessels - System Pressure Test	See Note 1	Visual, VT-2	
	C7.20	Pressure Vessels - System Hydrostatic Test	See Notes 1, 5	Visual, VT-2	
	C7.30	Piping - System Pressure Test	See Note 1	Visual, VT-2	PRR-13
	C7.40	Piping - System Hydrostatic Test	See Notes 1, 5	Visual, VT-2	PRR-13
	C7.50	Pumps - System Pressure Test	See Note 1	Visual, VT-2	
	C7.60	Pumps - System Hydrostatic Test	See Notes 1, 5	Visual, VT-2	
	C7.70	Valves- System Pressure Test	See Note 1	Visual, VT-2	PRR-13
	C7.80	Valves - System Hydrostatic Test	See Notes 1, 5	Visual, VT-2	PRR-13
D-B	D2.10	Pressure Retaining Components for Systems in Support of ECC, CHR, AC or RHR - System Functional Test - System Hydrostatic Test	See Notes 1, 5	Visual, VT-2	PRR-11
	D2.20	Integral Attachments - Component Supports and Restraints for Systems in Support of ECC, CHR, AC or RHR	70	Visual, VT-3	

TABLE 3.1
ASME SECTION XI
INSERVICE INSPECTION SUMMARY TABLE

Examination Category	Item Number	Description	Number of Components	Examination Method(s)	Relief Request
F-A[3]	F1.10[3]	Class 1 Piping Supports	216	Visual, VT-3	PRR-18
	F1.20[3]	Class 2 Piping Supports	382	Visual, VT-3	PRR-18
	F1.30[3]	Class 3 Piping Supports	174	Visual, VT-3	
	F1.40[3]	Supports Other than Piping Supports (Class 1, 2, 3, and MC)	31	Visual, VT-3	

Notes:

1. Pressure retaining components (e.g., pressure vessels, piping, pumps and valves) that are subject to system pressure tests or hydrostatic tests are identified on the Inservice Inspection Boundary Drawings listed in Section 2 of this ISI Plan.
2. The number of components identified includes those welds in piping < 3/8" nominal wall thickness in accordance with Note 2 of Table IWC-2500-1, Categories C-F-1 and C-F-2.
3. The Examination Category and Item Numbers used for the inservice inspection of supports are in accordance with Code Case N-491.
4. A system leakage test shall be performed in lieu of a hydrostatic test as allowed by Code Case N-498-1.
5. A system pressure test shall be performed in lieu of a hydrostatic test as allowed by Code Case N-498-1.
6. In 2001, the Pilgrim Nuclear Power Station implemented a risk-informed inservice inspection program for Class 1 piping welds (i.e., Examination Categories B-F and B-J). As part of this application, the Class 1 circumferential piping welds were assigned alternate Examination Category and Code Item Numbers that are consistent with ASME Section XI Code Case N-578-1. The alternate risk-informed Examination Category and Code Item Numbers are shown in Table 3.3. The Class 1 circumferential piping welds that were previously listed in Table 3.1 have been moved to Table 3.3. Note that the total number of Class 1 circumferential piping welds in the ISI Program remains unchanged. Only the designations have been changed to reflect the Examination Category and Code Item Numbers established in Code Case N-578-1.

TABLE 3.2

PILGRIM NUCLEAR POWER STATION
COMPONENTS SCHEDULED FOR EXAMINATION IN THE THIRD TEN YEAR INSPECTION INTERVAL
(NOT INCLUDING RISK-INFORMED COMPONENTS)

COMPONENTS IN THE CACS SYSTEM

COMPONENT	DESCRIPTION	ISOMETRIC	MATERIAL	ISI CLASS	CODE CATEGORY	CODE ITEM	RELIEF REQUEST	SYSTEM
H-45-1-1	RIGID HANGER	ISI-I-50-1	N/A	2	F-A	F1.20-B		CACS
H-45-1-4	SPRING HANGER	ISI-I-50-1	N/A	2	F-A	F1.20-C		CACS

TABLE 3.2

PILGRIM NUCLEAR POWER STATION
COMPONENTS SCHEDULED FOR EXAMINATION IN THE THIRD TEN YEAR INSPECTION INTERVAL
(NOT INCLUDING RISK-INFORMED COMPONENTS)

COMPONENTS IN THE CRD SYSTEM

COMPONENT	DESCRIPTION	ISOMETRIC	MATERIAL	ISI CLASS	CODE CATEGORY	CODE ITEM	RELIEF REQUEST	SYSTEM
3-ESD-16	ELBOW TO PIPE	ISI-I-3-1	CS	2	C-F-2	C5.51	PRR-24	CRD
3-ESD-24	ELBOW TO PIPE	ISI-I-3-1	CS	2	C-F-2	C5.51	PRR-24	CRD
3-WSD-11	CAP TO PIPE	ISI-I-3-1	CS	2	C-F-2	C5.51	PRR-24	CRD
3-WSD-5	ELBOW TO PIPE	ISI-I-3-1	CS	2	C-F-2	C5.51	PRR-24	CRD
					.....			
H-3-1-17	RIGID SUPPORT	ISI-I-3-1	N/A	2	F-A	F1.20-A		CRD
H-3-1-38	RIGID SUPPORT	ISI-I-3-1	N/A	2	F-A	F1.20-A		CRD
H-3-1-22	RESTRAINT	ISI-I-3-1	N/A	2	F-A	F1.20-B		CRD
H-3-1-30	RESTRAINT	ISI-I-3-1	N/A	2	F-A	F1.20-B		CRD
H-3-1-48	RESTRAINT	ISI-I-3-1	N/A	2	F-A	F1.20-B		CRD
H-3-1-49	RESTRAINT	ISI-I-3-1	N/A	2	F-A	F1.20-B		CRD
H-3-1-21	SPRING HANGER	ISI-I-3-1	N/A	2	F-A	F1.20-C		CRD
					.....			

TABLE 3.2

PILGRIM NUCLEAR POWER STATION
COMPONENTS SCHEDULED FOR EXAMINATION IN THE THIRD TEN YEAR INSPECTION INTERVAL
(NOT INCLUDING RISK-INFORMED COMPONENTS)

COMPONENTS IN THE CS SYSTEM

COMPONENT	DESCRIPTION	ISOMETRIC	MATERIAL	ISI CLASS	CODE CATEGORY	CODE ITEM	RELIEF REQUEST	SYSTEM
14-VB-1400-25A	VALVE BOLTING	ISI-I-14-1	SS	1	B-G-2	B7.70		CS
14-VB-1400-25B	VALVE BOLTING	ISI-I-14-1	SS	1	B-G-2	B7.70		CS
14-VB-1400-6A	VALVE BOLTING	ISI-I-14-1	SS	1	B-G-2	B7.70		CS
14-VB-1400-6B	VALVE BOLTING	ISI-I-14-1	SS	1	B-G-2	B7.70		CS
14-VB-1400-9A	VALVE BOLTING	ISI-I-14-1	SS	1	B-G-2	B7.70		CS
14-VB-1400-9B	VALVE BOLTING	ISI-I-14-1	SS	1	B-G-2	B7.70		CS

GB-14-22HL1(4)	SUPPORT LUGS	ISI-I-14-2B	CS	2	C-C	C3.20		CS
GB-14-28HL2(4)	SUPPORT LUGS	ISI-I-14-2A	CS	2	C-C	C3.20		CS
GB-14-2HL1(4)	SUPPORT LUGS	ISI-I-14-2B	CS	2	C-C	C3.20		CS
GB-14-8HL1(4)	SUPPORT LUGS	ISI-I-14-2A	CS	2	C-C	C3.20		CS
14-P215A-HL	PUMP INTEGRAL ATTMT	ISI-P215A	CS	2	C-C	C3.30		CS

DB/DC-14-3001-4-1	PIPE TO PIPE	ISI-I-14-2B	SS/CS	2	C-F-1	C5.11	PRR-24	CS
DB/DC-14-3002-5-1	ELBOW TO PIPE	ISI-I-14-2A	CS/SS	2	C-F-1	C5.11	PRR-24	CS
DC-14-F1	PIPE TO VALVE	ISI-I-14-1	SS	2	C-F-1	C5.11	PRR-24	CS
DC-14-F31	PIPE TO VALVE	ISI-I-14-1	SS	2	C-F-1	C5.11	PRR-24	CS
GB-14-F34	PIPE TO VALVE	ISI-I-14-2B	CS/SS	2	C-F-1	C5.11	PRR-24	CS
GB-14-F84	PIPE TO VALVE	ISI-I-14-2A	CS/SS	2	C-F-1	C5.11	PRR-24	CS
GB-14-F85	VALVE TO PIPE	ISI-I-14-2A	SS/CS	2	C-F-1	C5.11	PRR-24	CS

TABLE 3.2

PILGRIM NUCLEAR POWER STATION
COMPONENTS SCHEDULED FOR EXAMINATION IN THE THIRD TEN YEAR INSPECTION INTERVAL
(NOT INCLUDING RISK-INFORMED COMPONENTS)

COMPONENTS IN THE CS SYSTEM

COMPONENT	DESCRIPTION	ISOMETRIC	MATERIAL	ISI CLASS	CODE CATEGORY	CODE ITEM	RELIEF REQUEST	SYSTEM
GB-14-4-3F	PIPE TO ELBOW	ISI-I-14-2A	CS	2	C-F-2	C5.51	PRR-24	CS
GB-14-F21	ELBOW TO PIPE	ISI-I-14-2B	CS	2	C-F-2	C5.51	PRR-24	CS
GB-14-F39	PIPE TO VALVE	ISI-I-14-2B	CS	2	C-F-2	C5.51	PRR-24	CS
GB-14-F40	PUMP TO PIPE	ISI-I-14-2B	CS	2	C-F-2	C5.51	PRR-24	CS
GB-14-F46	VALVE TO PIPE	ISI-I-14-2A	CS	2	C-F-2	C5.51	PRR-24	CS
HD-14-2-2D	REDUCER TO FLANGE	ISI-I-14-2B	CS	2	C-F-2	C5.51	PRR-24	CS
HD-14-F19	VALVE TO ELBOW	ISI-I-14-2B	CS	2	C-F-2	C5.51	PRR-24	CS
HD-14-F91	TEE TO REDUCER	ISI-I-14-2A	CS	2	C-F-2	C5.51	PRR-24	CS
HL-14-F4	NOZZLE TO PIPE	ISI-I-14-2A	CS	2	C-F-2	C5.51	PRR-24	CS
HL-14-F51	PIPE TO FLANGE	ISI-I-14-2B	CS	2	C-F-2	C5.51	PRR-24	CS
HLB-14-F48H	PIPE TO ELBOW	ISI-I-14-2A	CS	2	C-F-2	C5.51	PRR-24	CS
GB-14-3-4D	PIPE TO WELDOLET	ISI-I-14-2B	CS	2	C-F-2	C5.81		CS
					.....			
DB-14-VBW24A-1	VALVE BODY WELD	ISI-I-14-2A	CS	2	C-G	C6.20		CS
DB-14-VBW24A-2	VALVE BODY WELD	ISI-I-14-2A	CS	2	C-G	C6.20		CS
GB-14-VBW36A-1	VALVE BODY WELD	ISI-I-14-2A	CS	2	C-G	C6.20		CS
GB-14-VBW36A-2	VALVE BODY WELD	ISI-I-14-2A	CS	2	C-G	C6.20		CS
					.....			
H-14-1-15S	SNUBBER	ISI-I-14-1	N/A	1	F-A	F1.10-C		CS
H-14-1-40	SPRING HANGER	ISI-I-14-1	N/A	1	F-A	F1.10-C		CS
H-14-1-41	SPRING HANGER	ISI-I-14-1	N/A	1	F-A	F1.10-C		CS

TABLE 3.2

PILGRIM NUCLEAR POWER STATION
COMPONENTS SCHEDULED FOR EXAMINATION IN THE THIRD TEN YEAR INSPECTION INTERVAL
(NOT INCLUDING RISK-INFORMED COMPONENTS)

COMPONENTS IN THE CS SYSTEM

COMPONENT	DESCRIPTION	ISOMETRIC	MATERIAL	ISI CLASS	CODE CATEGORY	CODE ITEM	RELIEF REQUEST	SYSTEM
H-14-1-10	RIGID HANGER	ISI-I-14-2B	N/A	2	F-A	F1.20-A		CS
H-14-1-12	RIGID HANGER	ISI-I-14-2B	N/A	2	F-A	F1.20-B		CS
H-14-1-20S	RESTRAINT	ISI-I-14-2A	N/A	2	F-A	F1.20-B		CS
H-14-1-22	RIGID SUPPORT	ISI-I-14-2A	N/A	2	F-A	F1.20-B		CS
H-14-1-33	RIGID HANGER	ISI-I-14-2B	N/A	2	F-A	F1.20-B		CS
H-14-1-4	RIGID HANGER	ISI-I-14-2A	N/A	2	F-A	F1.20-B		CS
H-14-1-4SH	RIGID HANGER	ISI-I-14-2A	N/A	2	F-A	F1.20-B		CS
H-14-1-29	SPRING HANGER	ISI-I-14-2A	N/A	2	F-A	F1.20-C		CS
H-14-1-31	SPRING HANGER	ISI-I-14-2B	N/A	2	F-A	F1.20-C		CS
H-14-1-P215A	PUMP SUPPORT	ISI-P215A	N/A	2	F-A	F1.40-B		CS

TABLE 3.2

PILGRIM NUCLEAR POWER STATION
COMPONENTS SCHEDULED FOR EXAMINATION IN THE THIRD TEN YEAR INSPECTION INTERVAL
(NOT INCLUDING RISK-INFORMED COMPONENTS)

COMPONENTS IN THE FW SYSTEM

COMPONENT	DESCRIPTION	ISOMETRIC	MATERIAL	ISI CLASS	CODE CATEGORY	CODE ITEM	RELIEF REQUEST	SYSTEM
6-VB-57A	VALVE BOLTING	ISI-I-6-1	CS	1	B-G-2	B7.70		FW
6-VB-57B	VALVE BOLTING	ISI-I-6-1	CS	1	B-G-2	B7.70		FW
6-VB-58A	VALVE BOLTING	ISI-I-6-1	CS	1	B-G-2	B7.70		FW
6-VB-58B	VALVE BOLTING	ISI-I-6-1	CS	1	B-G-2	B7.70		FW
6-VB-62A	VALVE BOLTING	ISI-I-6-1	CS	1	B-G-2	B7.70		FW
6-VB-62B	VALVE BOLTING	ISI-I-6-1	CS	1	B-G-2	B7.70		FW

6-N4A-9HL1(8)	SUPPORT LUG	ISI-I-6-1	CS	1	B-K-1	B10.10		FW
6-N4B-5HL1(4)	SUPPORT LUG	ISI-I-6-1	CS	1	B-K-1	B10.10		FW

DE/DL-6-F68	REDUCER TO VALVE	ISI-I-6-1A	CS	2	C-F-2	C5.51	PRR-24	FW

H-6-1-69	RIGID HANGER	ISI-I-6-1A	N/A	1	F-A	F1.10-A		FW
H-6-1-X9A	ANCHOR	ISI-I-6-1	N/A	1	F-A	F1.10-B		FW
H-6-1-101	SPRING HANGER	ISI-I-6-1	N/A	1	F-A	F1.10-C		FW
H-6-1-102	SPRING HANGER	ISI-I-6-1	N/A	1	F-A	F1.10-C		FW
H-6-1-106	SPRING HANGER	ISI-I-6-1	N/A	1	F-A	F1.10-C		FW
H-6-1-107	SPRING HANGER	ISI-I-6-1	N/A	1	F-A	F1.10-C		FW
H-6-1-SS-3	SNUBBER	ISI-I-6-1	N/A	1	F-A	F1.10-C		FW
H-6-1-SS-5	SNUBBER	ISI-I-6-1	N/A	1	F-A	F1.10-C		FW
H-6-1-68	RIGID HANGER	ISI-I-6-1A	N/A	2	F-A	F1.20-B		FW

TABLE 3.2

PILGRIM NUCLEAR POWER STATION
COMPONENTS SCHEDULED FOR EXAMINATION IN THE THIRD TEN YEAR INSPECTION INTERVAL
(NOT INCLUDING RISK-INFORMED COMPONENTS)

COMPONENTS IN THE FW SYSTEM

COMPONENT	DESCRIPTION	ISOMETRIC	MATERIAL	ISI CLASS	CODE CATEGORY	CODE ITEM	RELIEF REQUEST	SYSTEM
H-6-1-59	RIGID HANGER	ISI-I-6-1A	CS	4	F-A-CL4	F1.20-B		FW
H-6-1-67	RIGID HANGER	ISI-I-6-1A	CS	4	F-A-CL4	F1.20-B		FW

TABLE 3.2

PILGRIM NUCLEAR POWER STATION
COMPONENTS SCHEDULED FOR EXAMINATION IN THE THIRD TEN YEAR INSPECTION INTERVAL
(NOT INCLUDING RISK-INFORMED COMPONENTS)

COMPONENTS IN THE HPCI SYSTEM

COMPONENT	DESCRIPTION	ISOMETRIC	MATERIAL	ISI CLASS	CODE CATEGORY	CODE ITEM	RELIEF REQUEST	SYSTEM
23-VB-2301-4	VALVE BOLTING	ISI-I-23-1	CS	1	B-G-2	B7.70		HPCI
23-VB-2301-5	VALVE BOLTING	ISI-I-23-1	CS	1	B-G-2	B7.70		HPCI
23-VB-2301-7	VALVE BOLTING	ISI-I-23-1	CS	1	B-G-2	B7.70		HPCI
23-VB-2301-8	VALVE BOLTING	ISI-I-23-1	CS	1	B-G-2	B7.70		HPCI
					.....			
EB-23-VBW4-1	VALVE BODY WELD	ISI-I-23-1	CS	1	B-M-1	B12.40	PRR-24	HPCI
EB-23-VBW4-2	VALVE BODY WELD	ISI-I-23-1	CS	1	B-M-1	B12.40	PRR-24	HPCI
					.....			
DB-23-51HL1(4)	SUPPORT LUGS	ISI-I-23-5	CS	2	C-C	C3.20		HPCI
EB-23-13HL1(4)	SUPPORT LUGS	ISI-I-23-2	CS	2	C-C	C3.20		HPCI
EB-23-59HL1(4)	SUPPORT LUGS	ISI-I-23-2	CS	2	C-C	C3.20		HPCI
EB-23-60HL1(4)	SUPPORT LUGS	ISI-I-23-2	CS	2	C-C	C3.20		HPCI
EB-23-62HL1(4)	SUPPORT LUGS	ISI-I-23-2	CS	2	C-C	C3.20		HPCI
HB-23-75HL1(8)	SUPPORT LUGS	ISI-I-23-3	CS	2	C-C	C3.20		HPCI
HE-26-175HL1(1)	SUPPORT LUGS	ISI-I-23-4	CS	2	C-C	C3.20		HPCI
HL-23-69HL1(24)	SUPPORT LUGS	ISI-I-23-3	CS	2	C-C	C3.20		HPCI
					.....			
23-P205-3	ELBOW TO PIPE	ISI-I-23-4	CS	2	C-F-2	C5.51	PRR-24	HPCI
DB-23-F53	ELBOW TO PIPE	ISI-I-23-5	CS	2	C-F-2	C5.51	PRR-24	HPCI
EB-23-3-1B	RED. ELBOW TO PIPE	ISI-I-23-5	CS	2	C-F-2	C5.51	PRR-24	HPCI
EB-23-F35	PUMP TO RED. ELBOW	ISI-I-23-5	CS	2	C-F-2	C5.51	PRR-24	HPCI

TABLE 3.2

PILGRIM NUCLEAR POWER STATION
COMPONENTS SCHEDULED FOR EXAMINATION IN THE THIRD TEN YEAR INSPECTION INTERVAL
(NOT INCLUDING RISK-INFORMED COMPONENTS)

COMPONENTS IN THE HPCI SYSTEM

COMPONENT	DESCRIPTION	ISOMETRIC	MATERIAL	ISI CLASS	CODE CATEGORY	CODE ITEM	RELIEF REQUEST	SYSTEM
EB-23-F58R	VALVE TO PIPE	ISI-I-23-2	CS	2	C-F-2	C5.51	PRR-24	HPCI
EB-23-F66	PIPE TO ELBOW	ISI-I-23-2	CS	2	C-F-2	C5.51	PRR-24	HPCI
HB-23-F75	PIPE TO TEE	ISI-I-23-3	CS	2	C-F-2	C5.51	PRR-24	HPCI
HB-23-F87	REDUCER TO PIPE	ISI-I-23-3	CS	2	C-F-2	C5.51	PRR-24	HPCI
HL-23-4-1B	ELBOW TO REDUCER	ISI-I-23-3	CS	2	C-F-2	C5.51	PRR-24	HPCI
HL-23-F20	PIPE TO VALVE	ISI-I-23-4	CS	2	C-F-2	C5.51	PRR-24	HPCI
HL-23-F22	NOZZLE TO PIPE	ISI-I-23-4	CS	2	C-F-2	C5.51	PRR-24	HPCI
HL-23-F67	PIPE TO NOZZLE	ISI-I-23-3	CS	2	C-F-2	C5.51	PRR-24	HPCI
HB-23-2-1H	FLANGE TO PIPE	ISI-I-23-3	CS	2	C-F-2	C5.70	PRR-24	HPCI
					.....			
DB-23-VBW10-1	VALVE BODY WELD	ISI-I-23-5	CS	2	C-G	C6.20		HPCI
DB-23-VBW10-2	VALVE BODY WELD	ISI-I-23-5	CS	2	C-G	C6.20		HPCI
					.....			
H-23-1-75	RIGID HANGER	ISI-I-23-1	N/A	1	F-A	F1.10-A		HPCI
H-23-1-X52	ANCHOR	ISI-I-23-1	N/A	1	F-A	F1.10-B		HPCI
H-23-1-77	SPRING HANGER	ISI-I-23-1	N/A	1	F-A	F1.10-C		HPCI
H-23-1-80	SPRING HANGER	ISI-I-23-1	N/A	1	F-A	F1.10-C		HPCI
H-23-1-3	RIGID HANGER	ISI-I-23-5	N/A	2	F-A	F1.20-A		HPCI
H-23-1-16S	LATERAL RESTRAINT	ISI-I-23-2	N/A	2	F-A	F1.20-B		HPCI
H-23-1-21	RIGID HANGER	ISI-I-23-4	N/A	2	F-A	F1.20-B		HPCI
H-23-1-21SA	ANCHOR	ISI-I-23-5	N/A	2	F-A	F1.20-B		HPCI

TABLE 3.2

PILGRIM NUCLEAR POWER STATION
COMPONENTS SCHEDULED FOR EXAMINATION IN THE THIRD TEN YEAR INSPECTION INTERVAL
(NOT INCLUDING RISK-INFORMED COMPONENTS)

COMPONENTS IN THE HPCI SYSTEM

COMPONENT	DESCRIPTION	ISOMETRIC	MATERIAL	ISI CLASS	CODE CATEGORY	CODE ITEM	RELIEF REQUEST	SYSTEM
H-23-1-30	RIGID HANGER	ISI-I-23-5	N/A	2	F-A	F1.20-B		HPCI
H-23-1-4SR	RIGID HANGER	ISI-I-23-4	N/A	2	F-A	F1.20-B		HPCI
H-23-1-11	SPRING HANGER	ISI-I-23-2	N/A	2	F-A	F1.20-C		HPCI
H-23-1-12SS	SNUBBER	ISI-I-23-3	N/A	2	F-A	F1.20-C		HPCI
H-23-1-33	SPRING HANGER	ISI-I-23-5	N/A	2	F-A	F1.20-C		HPCI
H-23-1-8	SPRING HANGER	ISI-I-23-2	N/A	2	F-A	F1.20-C		HPCI
H-23-1-86	SNUBBER	ISI-I-23-3	N/A	2	F-A	F1.20-C		HPCI
H-26-1-318	SPRING HANGER	ISI-I-23-4	N/A	2	F-A	F1.20-C		HPCI
H-23-1-P205	PUMP SUPPORT	ISI-I-23-4	N/A	2	F-A	F1.40-B		HPCI

TABLE 3.2

PILGRIM NUCLEAR POWER STATION
COMPONENTS SCHEDULED FOR EXAMINATION IN THE THIRD TEN YEAR INSPECTION INTERVAL
(NOT INCLUDING RISK-INFORMED COMPONENTS)

COMPONENTS IN THE MS SYSTEM

COMPONENT	DESCRIPTION	ISOMETRIC	MATERIAL	ISI CLASS	CODE CATEGORY	CODE ITEM	RELIEF REQUEST	SYSTEM
1-VB-203-1A	VALVE BOLTING <2'	ISI-I-1-1SH2	CS	1	B-G-2	B7.70		MS
1-VB-203-1B	VALVE BOLTING <2'	ISI-I-1-1SH2	CS	1	B-G-2	B7.70		MS
1-VB-203-1C	VALVE BOLTING <2'	ISI-I-1-1SH2	CS	1	B-G-2	B7.70		MS
1-VB-203-1D	VALVE BOLTING <2'	ISI-I-1-1SH2	CS	1	B-G-2	B7.70		MS
1-VB-203-2A	VALVE BOLTING <2'	ISI-I-1-1SH2	CS	1	B-G-2	B7.70		MS
1-VB-203-2B	VALVE BOLTING <2'	ISI-I-1-1SH2	CS	1	B-G-2	B7.70		MS
1-VB-203-2C	VALVE BOLTING <2'	ISI-I-1-1SH2	CS	1	B-G-2	B7.70		MS
1-VB-203-2D	VALVE BOLTING <2'	ISI-I-1-1SH2	CS	1	B-G-2	B7.70		MS
1-VB-203-3A	VALVE BOLTING <2'	ISI-I-1-1SH1	CS	1	B-G-2	B7.70		MS
1-VB-203-3B	VALVE BOLTING <2'	ISI-I-1-1SH1	CS	1	B-G-2	B7.70		MS
1-VB-203-3C	VALVE BOLTING <2'	ISI-I-1-1SH1	CS	1	B-G-2	B7.70		MS
1-VB-203-3D	VALVE BOLTING <2'	ISI-I-1-1SH1	CS	1	B-G-2	B7.70		MS
1-VB-203-4A	VALVE BOLTING <2'	ISI-I-1-1SH1	CS	1	B-G-2	B7.70		MS
1-VB-203-4B	VALVE BOLTING <2'	ISI-I-1-1SH1	CS	1	B-G-2	B7.70		MS
1-VB-220-1	VALVE BOLTING <2'	ISI-I-1-1SH2	CS	1	B-G-2	B7.70		MS
1-VB-220-2	VALVE BOLTING <2'	ISI-I-1-1SH2	CS	1	B-G-2	B7.70		MS
					.....			
1-A-8HL1(8)	SUPPORT LUGS	ISI-I-1-1SH1	CS	1	B-K-1	B10.10		MS
					.....			
EE-1-VBW2-1	VALVE BODY WELD	ISI-I-1-1SH2	CS	1	B-M-1	B12.30		MS
EE-1-VBW2-2	VALVE BODY WELD	ISI-I-1-1SH2	CS	1	B-M-1	B12.30		MS

TABLE 3.2

PILGRIM NUCLEAR POWER STATION
COMPONENTS SCHEDULED FOR EXAMINATION IN THE THIRD TEN YEAR INSPECTION INTERVAL
(NOT INCLUDING RISK-INFORMED COMPONENTS)

COMPONENTS IN THE MS SYSTEM

COMPONENT	DESCRIPTION	ISOMETRIC	MATERIAL	ISI CLASS	CODE CATEGORY	CODE ITEM	RELIEF REQUEST	SYSTEM
EE-1-F138	VALVE TO PIPE	ISI-I-1-1SH2	CS	2	C-F-2	C5.51	PRR-24	MS
1-GE-X208A-HL	INTEGRAL ATTACHMENT	ISI-I-1-1SH1	CS	3	D-B	D2.20		MS
H-1-1-X7A	ANCHOR	ISI-I-1-1SH2	N/A	1	F-A	F1.10-B		MS
H-1-1-X8	ANCHOR	ISI-I-1-1SH2	N/A	1	F-A	F1.10-B		MS
H-1-1-HA1	SPRING HANGER	ISI-I-1-1SH1	N/A	1	F-A	F1.10-C		MS
H-1-1-HA2	SPRING HANGER	ISI-I-1-1SH1	N/A	1	F-A	F1.10-C		MS
H-1-1-HA3	SPRING HANGER	ISI-I-1-1SH1	N/A	1	F-A	F1.10-C		MS
H-1-1-HA4	SPRING HANGER	ISI-I-1-1SH1	N/A	1	F-A	F1.10-C		MS
H-1-1-HD4	SPRING HANGER	ISI-I-1-1SH1	N/A	1	F-A	F1.10-C		MS
H-1-1-SA1	SNUBBER	ISI-I-1-1SH1	N/A	1	F-A	F1.10-C		MS
H-1-1-SA2	SNUBBER	ISI-I-1-1SH1	N/A	1	F-A	F1.10-C		MS
H-1-1-22	RIGID HANGER	ISI-I-1-1SH2	N/A	2	F-A	F1.20-A		MS
H-1-1-37	RIGID HANGER	ISI-I-1-1SH2	N/A	4	F-A-CL4	F1.20-A		MS
H-1-1-45	RIGID HANGER	ISI-I-1-1SH2	N/A	4	F-A-CL4	F1.20-A		MS
H-1-1-108	RIGID SUPPORT	ISI-I-1-1SH2	N/A	4	F-A-CL4	F1.20-B		MS
H-1-1-204	RIGID SUPPORT	ISI-I-1-1SH2	N/A	4	F-A-CL4	F1.20-B		MS
H-1-1-205	RIGID SUPPORT	ISI-I-1-1SH2	N/A	4	F-A-CL4	F1.20-B		MS

TABLE 3.2

PILGRIM NUCLEAR POWER STATION
COMPONENTS SCHEDULED FOR EXAMINATION IN THE THIRD TEN YEAR INSPECTION INTERVAL
(NOT INCLUDING RISK-INFORMED COMPONENTS)

COMPONENTS IN THE MS SYSTEM

COMPONENT	DESCRIPTION	ISOMETRIC	MATERIAL	ISI CLASS	CODE CATEGORY	CODE ITEM	RELIEF REQUEST	SYSTEM

TABLE 3.2

PILGRIM NUCLEAR POWER STATION
COMPONENTS SCHEDULED FOR EXAMINATION IN THE THIRD TEN YEAR INSPECTION INTERVAL
(NOT INCLUDING RISK-INFORMED COMPONENTS)

COMPONENTS IN THE RBCCW SYSTEM

COMPONENT	DESCRIPTION	ISOMETRIC	MATERIAL	ISI CLASS	CODE CATEGORY	CODE ITEM	RELIEF REQUEST	SYSTEM
19-E206A-HL	HX INTEGRAL ATTMT	ISI-E206A	CS	3	D-B	D2.20		RBCCW
30-E122A-HL	HX INTEGRAL ATTMT	ISI-E122A	CS	3	D-B	D2.20		RBCCW
30-E209A-HL	HX INTEGRAL ATTMT	ISI-E209A	CS	3	D-B	D2.20		RBCCW
HE-30-104PS	STANCHION	ISI-I-30-1SH2		3	D-B	D2.20		RBCCW
HE-30-10PS	STANCHION	ISI-I-30-1SH2		3	D-B	D2.20		RBCCW
HE-30-11PS	STANCHION	ISI-I-30-1SH1		3	D-B	D2.20		RBCCW
HE-30-121PS	STANCHION	ISI-I-30-1SH1		3	D-B	D2.20		RBCCW
HE-30-12HL	HANGER LUG	ISI-I-30-1SH2		3	D-B	D2.20		RBCCW
HE-30-130PS	STANCHION	ISI-I-30-1SH1		3	D-B	D2.20		RBCCW
HE-30-131PS	STANCHION	ISI-I-30-1SH1		3	D-B	D2.20		RBCCW
HE-30-1324HL	HANGER LUG	ISI-I-30-1SH1		3	D-B	D2.20		RBCCW
HE-30-1HL	HANGER LUG	ISI-I-30-2SH2		3	D-B	D2.20		RBCCW
HE-30-238PS	STANCHION	ISI-I-30-2SH1		3	D-B	D2.20		RBCCW
HE-30-24HL	HANGER LUG	ISI-I-30-2SH1		3	D-B	D2.20		RBCCW
HE-30-26HL	HANGER LUG	ISI-I-30-2SH1		3	D-B	D2.20		RBCCW
HE-30-27PS	STANCHION	ISI-I-30-2SH1		3	D-B	D2.20		RBCCW
HE-30-285HL	HANGER LUG	ISI-I-30-1SH1		3	D-B	D2.20		RBCCW
HE-30-294PS	STANCHION	ISI-I-30-1SH1		3	D-B	D2.20		RBCCW
HE-30-29PS	STANCHION	ISI-I-30-2SH1		3	D-B	D2.20		RBCCW
HE-30-30HL	HANGER LUG	ISI-I-30-2SH2		3	D-B	D2.20		RBCCW
HE-30-31HL	HANGER LUG	ISI-I-30-2SH2		3	D-B	D2.20		RBCCW
HE-30-346HL	HANGER LUG	ISI-I-30-2SH1		3	D-B	D2.20		RBCCW

TABLE 3.2

PILGRIM NUCLEAR POWER STATION
COMPONENTS SCHEDULED FOR EXAMINATION IN THE THIRD TEN YEAR INSPECTION INTERVAL
(NOT INCLUDING RISK-INFORMED COMPONENTS)

COMPONENTS IN THE RBCCW SYSTEM

COMPONENT	DESCRIPTION	ISOMETRIC	MATERIAL	ISI CLASS	CODE CATEGORY	CODE ITEM	RELIEF REQUEST	SYSTEM
HE-30-36HL	HANGER LUG	ISI-I-30-1SH2		3	D-B	D2.20		RBCCW
HE-30-37HL(4)	HANGER LUGS	ISI-I-30-1SH2		3	D-B	D2.20		RBCCW
HE-30-41HL(4)	HANGER LUGS	ISI-I-30-1SH2		3	D-B	D2.20		RBCCW
HE-30-42HL	HANGER LUG	ISI-I-30-1SH2		3	D-B	D2.20		RBCCW
HE-30-437PS	STANCHION	ISI-I-30-1SH1		3	D-B	D2.20		RBCCW
HE-30-438PS	STANCHION	ISI-I-30-1SH1		3	D-B	D2.20		RBCCW
HE-30-439PS	STANCHION	ISI-I-30-1SH1		3	D-B	D2.20		RBCCW
HE-30-43HL(4)	HANGER LUGS	ISI-I-30-1SH2		3	D-B	D2.20		RBCCW
HE-30-440PS	STANCHION	ISI-I-30-1SH2		3	D-B	D2.20		RBCCW
HE-30-441PS	STANCHION	ISI-I-30-1SH2		3	D-B	D2.20		RBCCW
HE-30-442PS	STANCHION	ISI-I-30-1SH2		3	D-B	D2.20		RBCCW
HE-30-46PS	STANCHION	ISI-I-30-1SH2		3	D-B	D2.20		RBCCW
HE-30-52PS	STANCHION	ISI-I-30-2SH2		3	D-B	D2.20		RBCCW
HE-30-53PS	STANCHION	ISI-I-30-2SH2		3	D-B	D2.20		RBCCW
HE-30-54PS	STANCHION	ISI-I-30-2SH2		3	D-B	D2.20		RBCCW
HE-30-57HL	HANGER LUG	ISI-I-30-1SH1		3	D-B	D2.20		RBCCW
HE-30-61HL	HANGER LUG	ISI-I-30-1SH1		3	D-B	D2.20		RBCCW
HE-30-61PS	STANCHION	ISI-I-30-2SH1		3	D-B	D2.20		RBCCW
HE-30-62PS	STANCHION	ISI-I-30-1SH1		3	D-B	D2.20		RBCCW
HE-30-63HL	HANGER LUG	ISI-I-30-2SH1		3	D-B	D2.20		RBCCW
HE-30-64HL	HANGER LUG	ISI-I-30-2SH1		3	D-B	D2.20		RBCCW
HE-30-66PS	STANCHION	ISI-I-30-2SH1		3	D-B	D2.20		RBCCW

TABLE 3.2

PILGRIM NUCLEAR POWER STATION
COMPONENTS SCHEDULED FOR EXAMINATION IN THE THIRD TEN YEAR INSPECTION INTERVAL
(NOT INCLUDING RISK-INFORMED COMPONENTS)

COMPONENTS IN THE RBCCW SYSTEM

COMPONENT	DESCRIPTION	ISOMETRIC	MATERIAL	ISI CLASS	CODE CATEGORY	CODE ITEM	RELIEF REQUEST	SYSTEM
HE-30-67PS	STANCHION	ISI-I-30-2SH1		3	D-B	D2.20		RBCCW
HE-30-68PS	STANCHION	ISI-I-30-2SH1		3	D-B	D2.20		RBCCW
HE-30-69PS	STANCHION	ISI-I-30-2SH1		3	D-B	D2.20		RBCCW
HE-30-7PS	STANCHION	ISI-I-30-1SH1		3	D-B	D2.20		RBCCW
HE-30-8HL	HANGER LUG	ISI-I-30-1SH1		3	D-B	D2.20		RBCCW
HE-30-99PS	STANCHION	ISI-I-30-2SH2		3	D-B	D2.20		RBCCW
HE-30-SS12HL	HANGER LUG	ISI-I-30-2SH1		3	D-B	D2.20		RBCCW
					.....			
H-30-1-135	RIGID HANGER	ISI-I-30-2SH1	N/A	3	F-A	F1.30-A		RBCCW
H-30-1-43SH	RIGID HANGER	ISI-I-30-1SH2	N/A	3	F-A	F1.30-A		RBCCW
H-30-1-65	RIGID HANGER	ISI-I-30-2SH1	N/A	3	F-A	F1.30-A		RBCCW
H-30-1-119	RIGID HANGER	ISI-I-30-1SH1	N/A	3	F-A	F1.30-B		RBCCW
H-30-1-11SA	ANCHOR	ISI-I-30-1SH1	N/A	3	F-A	F1.30-B		RBCCW
H-30-1-131	RIGID HANGER	ISI-I-30-1SH1	N/A	3	F-A	F1.30-B		RBCCW
H-30-1-1SA	ANCHOR	ISI-I-30-2SH2	N/A	3	F-A	F1.30-B		RBCCW
H-30-1-292	GUIDE	ISI-I-30-1SH1	N/A	3	F-A	F1.30-B		RBCCW
H-30-1-437	RIGID HANGER	ISI-I-30-1SH1	N/A	3	F-A	F1.30-B		RBCCW
H-30-1-62SA	ANCHOR	ISI-I-30-1SH1	N/A	3	F-A	F1.30-B		RBCCW
H-30-1-63SA	ANCHOR	ISI-I-30-2SH1	N/A	3	F-A	F1.30-B		RBCCW
H-30-1-67	RIGID HANGER	ISI-I-30-2SH1	N/A	3	F-A	F1.30-B		RBCCW
H-30-1-69SA/350	ANCHOR	ISI-I-30-2SH1	N/A	3	F-A	F1.30-B		RBCCW
H-30-1-99	RIGID HANGER	ISI-I-30-2SH2	N/A	3	F-A	F1.30-B		RBCCW

TABLE 3.2

PILGRIM NUCLEAR POWER STATION
COMPONENTS SCHEDULED FOR EXAMINATION IN THE THIRD TEN YEAR INSPECTION INTERVAL
(NOT INCLUDING RISK-INFORMED COMPONENTS)

COMPONENTS IN THE RBCCW SYSTEM

COMPONENT	DESCRIPTION	ISOMETRIC	MATERIAL	ISI CLASS	CODE CATEGORY	CODE ITEM	RELIEF REQUEST	SYSTEM
H-30-1-40SH	SPRING HANGER	ISI-I-30-1SH2	N/A	3	F-A	F1.30-C		RBCCW
H-30-1-SS12	SNUBBER	ISI-I-30-2SH1	N/A	3	F-A	F1.30-C		RBCCW
H-19-1-E206A	HT EX SUPPORT	ISI-E206A		3	F-A	F1.40-B		RBCCW
H-30-1-E122A	HT EX SUPPORT	ISI-E122A		3	F-A	F1.40-B		RBCCW
H-30-1-E209A	HT EX SUPPORT	ISI-E209A		3	F-A	F1.40-B		RBCCW
H-30-1-P202A	PUMP SUPPORT	ISI-P202A		3	F-A	F1.40-B		RBCCW

H-30-1-74SA	ANCHOR	ISI-I-30-2SH1	N/A	4	F-A-CL4	F1.30-B		RBCCW

TABLE 3.2

PILGRIM NUCLEAR POWER STATION
COMPONENTS SCHEDULED FOR EXAMINATION IN THE THIRD TEN YEAR INSPECTION INTERVAL
(NOT INCLUDING RISK-INFORMED COMPONENTS)

COMPONENTS IN THE RCIC SYSTEM

COMPONENT	DESCRIPTION	ISOMETRIC	MATERIAL	ISI CLASS	CODE CATEGORY	CODE ITEM	RELIEF REQUEST	SYSTEM
13-VB-1301-16	VALVE BOLTING	ISI-I-13-1	CS	1	B-G-2	B7.70		RCIC
13-VB-1301-17	VALVE BOLTING	ISI-I-13-1	CS	1	B-G-2	B7.70		RCIC
13-VB-1301-49	VALVE BOLTING	ISI-I-13-1	CS	1	B-G-2	B7.70		RCIC
13-VB-1301-50	VALVE BOLTING	ISI-I-13-1	CS	1	B-G-2	B7.70		RCIC
					.....			
HB-13-F-HL1(2)	HANGER LUGS	ISI-I-13-3	CS	2	C-C	C3.20		RCIC
					.....			
HB-13-2-1A	FLANGE TO ELBOW	ISI-I-13-3	CS	2	C-F-2	C5.51	PRR-24	RCIC
HD-13-1-3D	PIPE TO TEE	ISI-I-13-2	CS	2	C-F-2	C5.51	PRR-24	RCIC
HD-13-F35	PIPE TO VALVE	ISI-I-13-2	CS	2	C-F-2	C5.51	PRR-24	RCIC
HE-26-F170	PIPE TO ELBOW	ISI-I-13-5	CS	2	C-F-2	C5.51	PRR-24	RCIC
HE-26-F238	VALVE TO PIPE	ISI-I-13-5	CS	2	C-F-2	C5.51	PRR-24	RCIC
HE-26-F42A	ELBOW TO VALVE	ISI-I-13-4	CS	2	C-F-2	C5.51	PRR-24	RCIC
HL-13-2-3C	ELBOW TO PIPE	ISI-I-13-3	CS	2	C-F-2	C5.51	PRR-24	RCIC
HL-13-F661	PIPE TO ELBOW	ISI-I-13-3	CS	2	C-F-2	C5.51	PRR-24	RCIC
					.....			
H-13-1-7SS	RIGID HANGER	ISI-I-13-1	N/A	1	F-A	F1.10-A		RCIC
H-13-1-43	RESTRAINT	ISI-I-13-1	N/A	1	F-A	F1.10-B		RCIC
H-13-1-X53	ANCHOR	ISI-I-13-1	N/A	1	F-A	F1.10-B	PRR 1	RCIC
H-13-1-49	SPRING HANGER	ISI-I-13-1	N/A	1	F-A	F1.10-C		RCIC
H-26-1-56	RIGID HANGER	ISI-I-13-5	N/A	2	F-A	F1.20-A		RCIC

TABLE 3.2

PILGRIM NUCLEAR POWER STATION
COMPONENTS SCHEDULED FOR EXAMINATION IN THE THIRD TEN YEAR INSPECTION INTERVAL
(NOT INCLUDING RISK-INFORMED COMPONENTS)

COMPONENTS IN THE RCIC SYSTEM

COMPONENT	DESCRIPTION	ISOMETRIC	MATERIAL	ISI CLASS	CODE CATEGORY	CODE ITEM	RELIEF REQUEST	SYSTEM
H-13-1-27	RIGID SUPPORT	ISI-I-13-2	N/A	2	F-A	F1.20-B		RCIC
H-13-1-30	RIGID SUPPORT	ISI-I-13-3	N/A	2	F-A	F1.20-B		RCIC
H-26-1-194	RIGID SUPPORT	ISI-I-13-5	N/A	2	F-A	F1.20-B		RCIC
H-13-1-32	SPRING HANGER	ISI-I-13-3	N/A	2	F-A	F1.20-C		RCIC
H-13-1-P206	PUMP SUPPORT	ISI-I-13-2	N/A	2	F-A	F1.40-B		RCIC

TABLE 3.2

PILGRIM NUCLEAR POWER STATION
COMPONENTS SCHEDULED FOR EXAMINATION IN THE THIRD TEN YEAR INSPECTION INTERVAL
(NOT INCLUDING RISK-INFORMED COMPONENTS)

COMPONENTS IN THE RECIRC SYSTEM

COMPONENT	DESCRIPTION	ISOMETRIC	MATERIAL	ISI CLASS	CODE CATEGORY	CODE ITEM	RELIEF REQUEST	SYSTEM
2-PB-201A	PUMP BOLTING	ISI-I-2R-A	SS	1	B-G-1	B6.180	PRR-24	RECIRC
2-PB-201B	PUMP BOLTING	ISI-I-2R-B	SS	1	B-G-1	B6.180	PRR-24	RECIRC
2-FS-201A	PUMP FLANGE SURFACE	ISI-I-2R-A	SS	1	B-G-1	B6.190		RECIRC
2-FS-201B	PUMP FLANGE SURFACE	ISI-I-2R-B	SS	1	B-G-1	B6.190		RECIRC
					.....			
2R-FB-BP-1A	FLANGE BOLTING	ISI-I-2R-B	SS	1	B-G-2	B7.50		RECIRC
2R-FB-BPA-1	FLANGE BOLTING	ISI-I-2R-A	SS	1	B-G-2	B7.50		RECIRC
2R-FB-N1A-7BC-1	FLANGE BOLTING	ISI-I-2R-B	SS	1	B-G-2	B7.50		RECIRC
2R-FB-N1B-9BC-1	FLANGE BOLTING	ISI-I-2R-A	SS	1	B-G-2	B7.50		RECIRC
2-VB-202-4A	VALVE BOLTING	ISI-I-2R-A	SS	1	B-G-2	B7.70		RECIRC
2-VB-202-4B	VALVE BOLTING	ISI-I-2R-B	SS	1	B-G-2	B7.70		RECIRC
2-VB-202-5A	VALVE BOLTING	ISI-I-2R-A	SS	1	B-G-2	B7.70		RECIRC
2-VB-202-5B	VALVE BOLTING	ISI-I-2R-B	SS	1	B-G-2	B7.70		RECIRC
2-VB-63A	VALVE BOLTING	ISI-I-2R-A	SS	1	B-G-2	B7.70		RECIRC
2-VB-63B	VALVE BOLTING	ISI-I-2R-B	SS	1	B-G-2	B7.70		RECIRC
2-VB-64A	VALVE BOLTING	ISI-I-2R-A	SS	1	B-G-2	B7.70		RECIRC
2-VB-64B	VALVE BOLTING	ISI-I-2R-B	SS	1	B-G-2	B7.70		RECIRC
					.....			
2R-N1B-14HL2(4)	4 HANGER LUGS	ISI-I-2R-A	SS	1	B-K-1	B10.10		RECIRC
					.....			
H-2-1-G1	GUIDE	ISI-I-2R-A	N/A	1	F-A	F1.10-B		RECIRC

TABLE 3.2

PILGRIM NUCLEAR POWER STATION
COMPONENTS SCHEDULED FOR EXAMINATION IN THE THIRD TEN YEAR INSPECTION INTERVAL
(NOT INCLUDING RISK-INFORMED COMPONENTS)

COMPONENTS IN THE RECIRC SYSTEM

COMPONENT	DESCRIPTION	ISOMETRIC	MATERIAL	ISI CLASS	CODE CATEGORY	CODE ITEM	RELIEF REQUEST	SYSTEM
H-2-1-H1	SPRING HANGER	ISI-I-2R-A	N/A	1	F-A	F1.10-C		RECIRC
H-2-1-H10	SPRING HANGER	ISI-I-2R-A	N/A	1	F-A	F1.10-C		RECIRC
H-2-1-H16	SPRING HANGER	ISI-I-2R-A	N/A	1	F-A	F1.10-C		RECIRC
H-2-1-H18	SPRING HANGER	ISI-I-2R-A	N/A	1	F-A	F1.10-C		RECIRC
H-2-1-H6	SPRING HANGER	ISI-I-2R-A	N/A	1	F-A	F1.10-C		RECIRC
H-2-1-H8	SPRING HANGER	ISI-I-2R-A	N/A	1	F-A	F1.10-C		RECIRC
H-2-1-SS2	SNUBBER	ISI-I-2R-A	N/A	1	F-A	F1.10-C		RECIRC
H-2-1-SS20	SNUBBER	ISI-I-2R-A	N/A	1	F-A	F1.10-C		RECIRC
H-2-1-SS21	SNUBBER	ISI-I-2R-A	N/A	1	F-A	F1.10-C		RECIRC
H-2-1-SS22	SNUBBER	ISI-I-2R-A	N/A	1	F-A	F1.10-C		RECIRC
H-2-1-SS3	SNUBBER	ISI-I-2R-A	N/A	1	F-A	F1.10-C		RECIRC
H-2-1-SS5	SNUBBER	ISI-I-2R-A	N/A	1	F-A	F1.10-C		RECIRC

TABLE 3.2

PILGRIM NUCLEAR POWER STATION
COMPONENTS SCHEDULED FOR EXAMINATION IN THE THIRD TEN YEAR INSPECTION INTERVAL
(NOT INCLUDING RISK-INFORMED COMPONENTS)

COMPONENTS IN THE RHR SYSTEM

COMPONENT	DESCRIPTION	ISOMETRIC	MATERIAL	ISI CLASS	CODE CATEGORY	CODE ITEM	RELIEF REQUEST	SYSTEM
10-VB-1001-29A	VALVE BOLTING	ISI-I-10-1	SS	1	B-G-2	B7.70		RHR
10-VB-1001-29B	VALVE BOLTING	ISI-I-10-1	SS	1	B-G-2	B7.70		RHR
10-VB-1001-33A	VALVE BOLTING	ISI-I-10-1	SS	1	B-G-2	B7.70		RHR
10-VB-1001-33B	VALVE BOLTING	ISI-I-10-1	SS	1	B-G-2	B7.70		RHR
10-VB-1001-47	VALVE BOLTING	ISI-I-10-1A	SS	1	B-G-2	B7.70		RHR
10-VB-1001-50	VALVE BOLTING	ISI-I-10-1A	SS	1	B-G-2	B7.70		RHR
10-VB-1001-51	VALVE BOLTING	ISI-I-10-1A	SS	1	B-G-2	B7.70		RHR
10-VB-1001-68A	VALVE BOLTING	ISI-I-10-1	SS	1	B-G-2	B7.70		RHR
10-VB-1001-68B	VALVE BOLTING	ISI-I-10-1	SS	1	B-G-2	B7.70		RHR

10-O-25HL1(4)	SUPPORT LUGS	ISI-I-10-1A	CS	1	B-K-1	B10.10		RHR

10-E207A-1	SHELL TO FLANGE	ISI-E207A	CS	2	C-A	C1.10	PRR-24	RHR
10-E207A-3	SHELL TO FLANGE	ISI-E207A	CS	2	C-A	C1.10	PRR-24	RHR
10-E207A-4	HEAD TO FLANGE	ISI-E207A	CS	2	C-A	C1.20	PRR-24	RHR
10-E207A-5	HEAD CIRC WELD	ISI-E207A	CS	2	C-A	C1.20	PRR-24	RHR

10-E207B-N3-2	SHELL REINF PLATE	ISI-E207B	CS	2	C-B	C2.31		RHR
10-E207B-N3-3	NOZZLE REINF PLATE	ISI-E207B	CS	2	C-B	C2.31		RHR
10-E207B-N4-2	SHELL REINF PLATE	ISI-E207B	CS	2	C-B	C2.31		RHR
10-E207B-N4-3	NOZZLE REINF PLATE	ISI-E207B	CS	2	C-B	C2.31		RHR

TABLE 3.2

PILGRIM NUCLEAR POWER STATION
COMPONENTS SCHEDULED FOR EXAMINATION IN THE THIRD TEN YEAR INSPECTION INTERVAL
(NOT INCLUDING RISK-INFORMED COMPONENTS)

COMPONENTS IN THE RHR SYSTEM

COMPONENT	DESCRIPTION	ISOMETRIC	MATERIAL	ISI CLASS	CODE CATEGORY	CODE ITEM	RELIEF REQUEST	SYSTEM
10-E207A-N3-1	NOZZLE TO SHELL WELD WITH REINFORCING PLATE	ISI-E207A	CS	2	C-B	C2.33		RHR
10-E207A-N4-1	NOZZLE TO SHELL WELD WITH REINFORCING PLATE	ISI-E207A	CS	2	C-B	C2.33		RHR

10-E207B-S1	HX SUPPORT LUGS	ISI-E207B	CS	2	C-C	C3.10		RHR
10-E207B-S2	HX SUPPORT LUGS	ISI-E207B	CS	2	C-C	C3.10		RHR
10-E207B-S3	HX SUPPORT LUGS	ISI-E207B	CS	2	C-C	C3.10		RHR
10-E207B-S4	HX SUPPORT LUGS	ISI-E207B	CS	2	C-C	C3.10		RHR
GB-10-117HL1(4)	SUPPORT LUGS	ISI-I-10-3A	CS	2	C-C	C3.20		RHR
GB-10-12HL1(4)	SUPPORT LUGS	ISI-I-10-4BSH1	CS	2	C-C	C3.20		RHR
GB-10-174HL1(2)	SUPPORT LUGS	ISI-I-10-3B	CS	2	C-C	C3.20		RHR
GB-10-19HL1(4)	SUPPORT LUGS	ISI-I-10-4BSH1	CS	2	C-C	C3.20		RHR
HB-10-28HL1(2)	2 HANGER LUGS	ISI-I-10-1B	CS	2	C-C	C3.20		RHR
HB-10-83HL1(4)	SUPPORT LUGS	ISI-I-10-1B	CS	2	C-C	C3.20		RHR
HB-10-83PS	PIPE STANCHION	ISI-I-10-1B	CS	2	C-C	C3.20		RHR
HB-10-91PS	PIPE STANCHION	ISI-I-10-1B	CS	2	C-C	C3.20		RHR
HB-10-92HL1(4)	4 HANGER LUGS	ISI-I-10-1B	CS	2	C-C	C3.20		RHR
HL-10-200HL1(4)	SUPPORT LUGS	ISI-I-10-4ASH1	CS	2	C-C	C3.20		RHR
HL-10-79PS	PIPE STANCHION	ISI-I-10-5BSH1	CS	2	C-C	C3.20		RHR
10-P203A-HL	PUMP INTEGRAL ATTMT	ISI-P203A	CS	2	C-C	C3.30		RHR

TABLE 3.2

PILGRIM NUCLEAR POWER STATION
COMPONENTS SCHEDULED FOR EXAMINATION IN THE THIRD TEN YEAR INSPECTION INTERVAL
(NOT INCLUDING RISK-INFORMED COMPONENTS)

COMPONENTS IN THE RHR SYSTEM

COMPONENT	DESCRIPTION	ISOMETRIC	MATERIAL	ISI CLASS	CODE CATEGORY	CODE ITEM	RELIEF REQUEST	SYSTEM
DB/DC-10-3001-2-1	ELBOW TO PIPE	ISI-I-10-4BSH1	CS/SS	2	C-F-1	C5.11	PRR-24	RHR
DB/DC-10-3002-3-3	PIPE TO PIPE	ISI-I-10-4ASH2	CS/SS	2	C-F-1	C5.11	PRR-24	RHR
DC-10-F10R	PIPE TO VALVE	ISI-I-10-4BSH1	SS	2	C-F-1	C5.11	PRR-24	RHR
DC-10-F9	PIPE TO VALVE	ISI-I-10-4ASH2	SS	2	C-F-1	C5.11	PRR-24	RHR
					.....			
GB-10-10-2C	TEE TO REDUCING ELBOW	ISI-I-10-5BSH2	CS	2	C-F-2	C5.51	PRR-24	RHR
GB-10-12-2D	WELDOLET TO PIPE	ISI-I-10-5BSH1	CS	2	C-F-2	C5.51	PRR-24	RHR
GB-10-15-1E	TEE TO TEE	ISI-I-10-4BSH1	CS	2	C-F-2	C5.51	PRR-24	RHR
GB-10-16-1C	PIPE TO ELBOW	ISI-I-10-4ASH1	CS	2	C-F-2	C5.51	PRR-24	RHR
GB-10-17-3A-I	TEE TO PIPE	ISI-I-10-3A	CS	2	C-F-2	C5.51	PRR-24	RHR
GB-10-18-4B	PIPE TO WELDOLET	ISI-I-10-3A	CS	2	C-F-2	C5.51	PRR-24	RHR
GB-10-18-4E	PIPE TO REDUCER	ISI-I-10-3A	CS	2	C-F-2	C5.51	PRR-24	RHR
GB-10-3-5E	ELBOW TO PIPE	ISI-I-10-4BSH2	CS	2	C-F-2	C5.51	PRR-24	RHR
GB-10-3002-2-2	ELBOW TO PIPE	ISI-I-10-4ASH2	CS	2	C-F-2	C5.51	PRR-24	RHR
GB-10-9-2E	WELDOLET	ISI-I-10-4BSH1	CS	2	C-F-2	C5.51	PRR-24	RHR
GB-10-F116	VALVE TO TEE	ISI-I-10-3A	CS	2	C-F-2	C5.51	PRR-24	RHR
GB-10-F124	PUMP TO PIPE	ISI-I-10-3A	CS	2	C-F-2	C5.51	PRR-24	RHR
GB-10-F129R	PIPE TO HX	ISI-I-10-3A	CS	2	C-F-2	C5.51	PRR-24	RHR
GB-10-F153R	PIPE TO VALVE	ISI-I-10-5BSH1	CS	2	C-F-2	C5.51	PRR-24	RHR
GB-10-F167	PUMP TO PIPE	ISI-I-10-3B	CS	2	C-F-2	C5.51	PRR-24	RHR
GB-10-F17	PIPE TO ELBOW	ISI-I-10-4BSH1	CS	2	C-F-2	C5.51	PRR-24	RHR
GB-10-F171	ELBOW TO VALVE	ISI-I-10-3B	CS	2	C-F-2	C5.51	PRR-24	RHR

TABLE 3.2

PILGRIM NUCLEAR POWER STATION
COMPONENTS SCHEDULED FOR EXAMINATION IN THE THIRD TEN YEAR INSPECTION INTERVAL
(NOT INCLUDING RISK-INFORMED COMPONENTS)

COMPONENTS IN THE RHR SYSTEM

COMPONENT	DESCRIPTION	ISOMETRIC	MATERIAL	ISI CLASS	CODE CATEGORY	CODE ITEM	RELIEF REQUEST	SYSTEM
GB-10-F173	PIPE TO VALVE	ISI-I-10-3B	CS	2	C-F-2	C5.51	PRR-24	RHR
GB-10-F177	PIPE (HX) TO PIPE	ISI-I-10-3B	CS	2	C-F-2	C5.51	PRR-24	RHR
GB-10-F179	VALVE TO PIPE	ISI-I-10-4BSH1	CS	2	C-F-2	C5.51	PRR-24	RHR
GB-10-F239	ELBOW TO PIPE	ISI-I-10-4BSH2	CS	2	C-F-2	C5.51	PRR-24	RHR
GB-10-F28	REDUCING ELBOW TO ELBOW	ISI-I-10-5BSH2	CS	2	C-F-2	C5.51	PRR-24	RHR
GB-10-F45	PIPE TO ELBOW	ISI-I-10-4BSH2	CS	2	C-F-2	C5.51	PRR-24	RHR
GB-10-F52A	PIPE TO ELBOW	ISI-I-10-4BSH1	CS	2	C-F-2	C5.51	PRR-24	RHR
GB-10-F59A	PIPE TO VALVE	ISI-I-10-5BSH2	CS	2	C-F-2	C5.51	PRR-24	RHR
GB-10-F62A	PIPE TO VALVE	ISI-I-10-4ASH2	CS	2	C-F-2	C5.51	PRR-24	RHR
GB-10-F65	ELBOW TO VALVE	ISI-I-10-4ASH1	CS	2	C-F-2	C5.51	PRR-24	RHR
GB-10-F70	ELBOW TO TEE	ISI-I-10-4BSH1	CS	2	C-F-2	C5.51	PRR-24	RHR
GL-10-F102	VALVE TO PENETRATION	ISI-I-10-5BSH2	CS	2	C-F-2	C5.51	PRR-24	RHR
HB-10-1-10B	ELBOW TO PIPE	ISI-I-10-1B	CS	2	C-F-2	C5.51	PRR-24	RHR
HB-10-3-1E	TEE TO REDUCER	ISI-I-10-1B	CS	2	C-F-2	C5.51	PRR-24	RHR
HB-10-3-1F	REDUCER TO ELBOW	ISI-I-10-1B	CS	2	C-F-2	C5.51	PRR-24	RHR
HB-10-3-2F	TEE TO PIPE	ISI-I-10-2A	CS	2	C-F-2	C5.51	PRR-24	RHR
HB-10-3003-2-2	PIPE TO ELBOW	ISI-I-10-1C	CS	2	C-F-2	C5.51	PRR-24	RHR
HB-10-6-3B	PIPE TO FLANGE	ISI-I-10-2B	CS	2	C-F-2	C5.51	PRR-24	RHR
HB-10-F79	VALVE TO ELBOW	ISI-I-10-1C	CS	2	C-F-2	C5.51	PRR-24	RHR
HB-10-F92	PIPE TO ELBOW	ISI-I-10-1B	CS	2	C-F-2	C5.51	PRR-24	RHR
HL-10-2-1E	PIPE TO ELBOW	ISI-I-10-5BSH1	CS	2	C-F-2	C5.51	PRR-24	RHR

TABLE 3.2

PILGRIM NUCLEAR POWER STATION
COMPONENTS SCHEDULED FOR EXAMINATION IN THE THIRD TEN YEAR INSPECTION INTERVAL
(NOT INCLUDING RISK-INFORMED COMPONENTS)

COMPONENTS IN THE RHR SYSTEM

COMPONENT	DESCRIPTION	ISOMETRIC	MATERIAL	ISI CLASS	CODE CATEGORY	CODE ITEM	RELIEF REQUEST	SYSTEM
HL-10-4-2B	ELBOW TO PIPE	ISI-I-10-2A	CS	2	C-F-2	C5.51	PRR-24	RHR
HL-10-F100	NOZZLE TO PIPE	ISI-I-10-2B	CS	2	C-F-2	C5.51	PRR-24	RHR
HL-10-F107	ELBOW TO PIPE	ISI-I-10-4ASH1	CS	2	C-F-2	C5.51	PRR-24	RHR
HL-10-F136	ELBOW TO VALVE	ISI-I-10-2B	CS	2	C-F-2	C5.51	PRR-24	RHR
HL-10-F200R	VALVE TO PIPE	ISI-I-10-4ASH1	CS	2	C-F-2	C5.51	PRR-24	RHR
HL-10-F202	NOZZLE TO PIPE	ISI-I-10-2A	CS	2	C-F-2	C5.51	PRR-24	RHR
HL-10-F73	PIPE TO NOZZLE	ISI-I-10-5BSH1	CS	2	C-F-2	C5.51	PRR-24	RHR
HL-10-F76	ELBOW TO NOZZLE	ISI-I-10-5BSH1	CS	2	C-F-2	C5.51	PRR-24	RHR
					.....			
GB-10-VBW67A-1	VALVE BODY WELD	ISI-I-10-3A	CS	2	C-G	C6.20		RHR
GB-10-VBW67A-2	VALVE BODY WELD	ISI-I-10-3A	CS	2	C-G	C6.20		RHR
GL-10-VBW23A-1	VALVE BODY WELD	ISI-I-10-4ASH2	CS	2	C-G	C6.20		RHR
GL-10-VBW23A-2	VALVE BODY WELD	ISI-I-10-4ASH2	CS	2	C-G	C6.20		RHR
					.....			
H-10-1-48SH	RIGID HANGER	ISI-I-10-1A	N/A	1	F-A	F1.10-A		RHR
H-10-1-X51A	ANCHOR	ISI-I-10-1	N/A	1	F-A	F1.10-B		RHR
H-10-1-175	SPRING HANGER	ISI-I-10-1	N/A	1	F-A	F1.10-C		RHR
H-10-1-176	SPRING HANGER	ISI-I-10-1A	N/A	1	F-A	F1.10-C		RHR
H-10-1-177	SPRING HANGER	ISI-I-10-1A	N/A	1	F-A	F1.10-C		RHR
H-10-1-SS19	SNUBBER	ISI-I-10-1	N/A	1	F-A	F1.10-C		RHR
H-10-1-160	RIGID HANGER	ISI-I-10-5BSH2	N/A	2	F-A	F1.20-A		RHR

TABLE 3.2

PILGRIM NUCLEAR POWER STATION
COMPONENTS SCHEDULED FOR EXAMINATION IN THE THIRD TEN YEAR INSPECTION INTERVAL
(NOT INCLUDING RISK-INFORMED COMPONENTS)

COMPONENTS IN THE RHR SYSTEM

COMPONENT	DESCRIPTION	ISOMETRIC	MATERIAL	ISI CLASS	CODE CATEGORY	CODE ITEM	RELIEF REQUEST	SYSTEM
H-10-1-164	RIGID HANGER	ISI-I-10-4BSH2	N/A	2	F-A	F1.20-A		RHR
H-10-1-180	RIGID HANGER	ISI-I-10-4ASH2	N/A	2	F-A	F1.20-A		RHR
H-10-1-54SH	RIGID HANGER	ISI-I-10-1B	N/A	2	F-A	F1.20-A		RHR
H-10-1-76	RIGID HANGER	ISI-I-10-5BSH1	N/A	2	F-A	F1.20-A		RHR
H-10-1-81	RIGID HANGER	ISI-I-10-4BSH1	N/A	2	F-A	F1.20-A		RHR
H-10-1-101S	RIGID HANGER	ISI-I-10-5BSH2	N/A	2	F-A	F1.20-B		RHR
H-10-1-102S	LATERAL RESTRAINT	ISI-I-10-5BSH2	N/A	2	F-A	F1.20-B		RHR
H-10-1-106	RIGID HANGER	ISI-I-10-5BSH1	N/A	2	F-A	F1.20-B		RHR
H-10-1-107S	RIGID HANGER	ISI-I-10-4BSH1	N/A	2	F-A	F1.20-B		RHR
H-10-1-129	RIGID HANGER	ISI-I-10-4BSH1	N/A	2	F-A	F1.20-B		RHR
H-10-1-131	RIGID HANGER	ISI-I-10-4BSH1	N/A	2	F-A	F1.20-B		RHR
H-10-1-17SS	RIGID HANGER	ISI-I-10-1C	N/A	2	F-A	F1.20-B		RHR
H-10-1-21SR	LATERAL RESTRAINT	ISI-I-10-2A	N/A	2	F-A	F1.20-B		RHR
H-10-1-280	LATERAL RESTRAINT	ISI-I-10-4ASH1	N/A	2	F-A	F1.20-B		RHR
H-10-1-41SG	GUIDE	ISI-I-10-5BSH1	N/A	2	F-A	F1.20-B		RHR
H-10-1-44SA	ANCHOR	ISI-I-10-1B	N/A	2	F-A	F1.20-B		RHR
H-10-1-49SG	GUIDE	ISI-I-10-1B	N/A	2	F-A	F1.20-B		RHR
H-10-1-4SR	LATERAL RESTRAINT	ISI-I-10-3A	N/A	2	F-A	F1.20-B		RHR
H-10-1-55	RIGID SUPPORT	ISI-I-10-2B	N/A	2	F-A	F1.20-B		RHR
H-10-1-87SA	ANCHOR	ISI-I-10-4ASH1	N/A	2	F-A	F1.20-B		RHR
H-10-1-94S	RESTRAINT	ISI-I-10-3B	N/A	2	F-A	F1.20-B		RHR
H-10-1-96S	GUIDE	ISI-I-10-3B	N/A	2	F-A	F1.20-B		RHR

TABLE 3.2

PILGRIM NUCLEAR POWER STATION
COMPONENTS SCHEDULED FOR EXAMINATION IN THE THIRD TEN YEAR INSPECTION INTERVAL
(NOT INCLUDING RISK-INFORMED COMPONENTS)

COMPONENTS IN THE RHR SYSTEM

COMPONENT	DESCRIPTION	ISOMETRIC	MATERIAL	ISI CLASS	CODE CATEGORY	CODE ITEM	RELIEF REQUEST	SYSTEM
H-10-1-SG17	LATERAL RESTRAINT	ISI-I-10-2B	N/A	2	F-A	F1.20-B		RHR
H-10-1-SG18	RESTRAINT	ISI-I-10-2A	N/A	2	F-A	F1.20-B		RHR
H-10-1-SG19	RESTRAINT	ISI-I-10-1B	N/A	2	F-A	F1.20-B		RHR
H-10-1-SG22	LATERAL RESTRAINT	ISI-I-10-3A	N/A	2	F-A	F1.20-B		RHR
H-10-1-12	SPRING HANGER	ISI-I-10-5BSH2	N/A	2	F-A	F1.20-C		RHR
H-10-1-120	SPRING HANGER	ISI-I-10-1B	N/A	2	F-A	F1.20-C		RHR
H-10-1-144	SPRING HANGER	ISI-I-10-3A	N/A	2	F-A	F1.20-C		RHR
H-10-1-155	SPRING HANGER	ISI-I-10-4ASH1	N/A	2	F-A	F1.20-C		RHR
H-10-1-179	SPRING HANGER	ISI-I-10-4BSH1	N/A	2	F-A	F1.20-C		RHR
H-10-1-182	SPRING HANGER	ISI-I-10-1C	N/A	2	F-A	F1.20-C		RHR
H-10-1-197	SPRING HANGER	ISI-I-10-4ASH2	N/A	2	F-A	F1.20-C		RHR
H-10-1-22SH	SPRING SUPPORT	ISI-I-10-2A	N/A	2	F-A	F1.20-C		RHR
H-10-1-33SH	SPRING HANGER	ISI-I-10-2B	N/A	2	F-A	F1.20-C		RHR
H-10-1-5	SPRING HANGER	ISI-I-10-1B	N/A	2	F-A	F1.20-C		RHR
H-10-1-5SS	SPRING SUPPORT	ISI-I-10-3A	N/A	2	F-A	F1.20-C		RHR
H-10-1-65	SPRING HANGER	ISI-I-10-4BSH2	N/A	2	F-A	F1.20-C		RHR
H-10-1-92S	SPRING HANGER	ISI-I-10-3B	N/A	2	F-A	F1.20-C		RHR
H-10-1-E207A	HX SUPPORT	ISI-E207A	N/A	2	F-A	F1.40-B		RHR
H-10-1-P203A	PUMP SUPPORT	ISI-P203A	N/A	2	F-A	F1.40-B		RHR
H-26-1[illegible]3SA	ANCHOR	ISI-I-10-5BSH1	N/A	4	F-A-CL4	F1.20-B		RHR

TABLE 3.2

PILGRIM NUCLEAR POWER STATION
COMPONENTS SCHEDULED FOR EXAMINATION IN THE THIRD TEN YEAR INSPECTION INTERVAL
(NOT INCLUDING RISK-INFORMED COMPONENTS)

COMPONENTS IN THE RHR SYSTEM

COMPONENT	DESCRIPTION	ISOMETRIC	MATERIAL	ISI CLASS	CODE CATEGORY	CODE ITEM	RELIEF REQUEST	SYSTEM

TABLE 3.2

PILGRIM NUCLEAR POWER STATION
COMPONENTS SCHEDULED FOR EXAMINATION IN THE THIRD TEN YEAR INSPECTION INTERVAL
(NOT INCLUDING RISK-INFORMED COMPONENTS)

COMPONENTS IN THE RPV SYSTEM

COMPONENT	DESCRIPTION	ISOMETRIC	MATERIAL	ISI CLASS	CODE CATEGORY	CODE ITEM	RELIEF REQUEST	SYSTEM
RPV-C-1-344	BELTLINE SHELL WELD	ISI-I-54-1	CS	1	B-A	B1.11	PRR-24	RPV
RPV-C-3-339A	UPPER INTERMEDIATE SHELL WELD	ISI-I-54-1	CS	1	B-A	B1.11	PRR-24	RPV
RPV-C-3-339B	LOWER INTERMEDIATE SHELL WELD	ISI-I-54-1	CS	1	B-A	B1.11	PRR-24	RPV
RPV-C-9-338	SHELL TO BOTTOM HEAD WELD	ISI-I-54-1	CS	1	B-A	B1.11	PRR-24	RPV
RPV-L-1-338A	LOWER INTERMEDIATE SHELL VERTICAL WELD	ISI-I-54-1	CS	1	B-A	B1.12	PRR-24	RPV
RPV-L-1-338B	LOWER INTERMEDIATE SHELL VERTICAL WELD	ISI-I-54-1	CS	1	B-A	B1.12	PRR-24	RPV
RPV-L-1-338C	LOWER INTERMEDIATE SHELL VERTICAL WELD	ISI-I-54-1	CS	1	B-A	B1.12	PRR-24	RPV
RPV-L-1-339A	UPPER SHELL VERTICAL WELD	ISI-I-54-1	CS	1	B-A	B1.12	PRR-24	RPV
RPV-L-1-339B	UPPER SHELL VERTICAL WELD	ISI-I-54-1	CS	1	B-A	B1.12	PRR-24	RPV
RPV-L-1-339C	UPPER SHELL VERTICAL WELD	ISI-I-54-1	CS	1	B-A	B1.12	PRR-24	RPV
RPV-L-2-338A	LOWER SHELL VERTICAL WELD	ISI-I-54-1	CS	1	B-A	B1.12	PRR-24	RPV
RPV-L-2-338B	LOWER SHELL VERTICAL WELD	ISI-I-54-1	CS	1	B-A	B1.12	PRR-24	RPV
RPV-L-2-338C	LOWER SHELL VERTICAL WELD	ISI-I-54-1	CS	1	B-A	B1.12	PRR-24	RPV
RPV-L-2-339A	UPPER INTERMEDIATE SHELL VERTICAL WELD	ISI-I-54-1	CS	1	B-A	B1.12	PRR-24	RPV

TABLE 3.2

PILGRIM NUCLEAR POWER STATION
COMPONENTS SCHEDULED FOR EXAMINATION IN THE THIRD TEN YEAR INSPECTION INTERVAL
(NOT INCLUDING RISK-INFORMED COMPONENTS)

COMPONENTS IN THE RPV SYSTEM

COMPONENT	DESCRIPTION	ISOMETRIC	MATERIAL	ISI CLASS	CODE CATEGORY	CODE ITEM	RELIEF REQUEST	SYSTEM
RPV-L-2-339B	UPPER INTERMEDIATE SHELL VERTICAL WELD	ISI-I-54-1	CS	1	B-A	B1.12	PRR-24	RPV
RPV-L-2-339C	UPPER INTERMEDIATE SHELL VERTICAL WELD	ISI-I-54-1	CS	1	B-A	B1.12	PRR-24	RPV
RPV-BH-C1	HEAD CIRCUMF WELD	ISI-I-54-3	CS	1	B-A	B1.21	PRR-24	RPV
RPV-BH-C2	HEAD CIRCUMF WELD	ISI-I-54-3	CS	1	B-A	B1.21	PRR-24	RPV
RPV-TH-C	HEAD CIRCUMF WELD	ISI-I-54-2	CS	1	B-A	B1.21	PRR-24	RPV
RPV-BH-M1	MERID HEAD WELD 40	ISI-I-54-3	CS	1	B-A	B1.22	PRR-24	RPV
RPV-BH-M10	MERID HEAD WELD 65	ISI-I-54-3	CS	1	B-A	B1.22	PRR-24	RPV
RPV-BH-M11	MERID HEAD WELD 125	ISI-I-54-3	CS	1	B-A	B1.22	PRR-24	RPV
RPV-BH-M12	MERID HEAD WELD 185	ISI-I-54-3	CS	1	B-A	B1.22	PRR-24	RPV
RPV-BH-M13	MERID HEAD WELD 245	ISI-I-54-3	CS	1	B-A	B1.22	PRR-24	RPV
RPV-BH-M14	MERID HEAD WELD 305	ISI-I-54-3	CS	1	B-A	B1.22	PRR-24	RPV
RPV-BH-M2	MERID HEAD WELD 85	ISI-I-54-3	CS	1	B-A	B1.22	PRR-24	RPV
RPV-BH-M3	MERID HEAD WELD 130	ISI-I-54-3	CS	1	B-A	B1.22	PRR-24	RPV
RPV-BH-M4	MERID HEAD WELD 175	ISI-I-54-3	CS	1	B-A	B1.22	PRR-24	RPV
RPV-BH-M5	MERID HEAD WELD 220	ISI-I-54-3	CS	1	B-A	B1.22	PRR-24	RPV
RPV-BH-M6	MERID HEAD WELD 265	ISI-I-54-3	CS	1	B-A	B1.22	PRR-24	RPV
RPV-BH-M7	MERID HEAD WELD 310	ISI-I-54-3	CS	1	B-A	B1.22	PRR-24	RPV
RPV-BH-M8	MERID HEAD WELD 355	ISI-I-54-3	CS	1	B-A	B1.22	PRR-24	RPV
RPV-BH-M9	MERID HEAD WELD 5	ISI-I-54-3	CS	1	B-A	B1.22	PRR-24	RPV
RPV-TH-M1	MERID HEAD WELD 0	ISI-I-54-2	CS	1	B-A	B1.22	PRR-24	RPV

TABLE 3.2

PILGRIM NUCLEAR POWER STATION
COMPONENTS SCHEDULED FOR EXAMINATION IN THE THIRD TEN YEAR INSPECTION INTERVAL
(NOT INCLUDING RISK-INFORMED COMPONENTS)

COMPONENTS IN THE RPV SYSTEM

COMPONENT	DESCRIPTION	ISOMETRIC	MATERIAL	ISI CLASS	CODE CATEGORY	CODE ITEM	RELIEF REQUEST	SYSTEM
RPV-TH-M2	MERID HEAD WELD 45	ISI-I-54-2	CS	1	B-A	B1.22	PRR-24	RPV
RPV-TH-M3	MERID HEAD WELD 90	ISI-I-54-2	CS	1	B-A	B1.22	PRR-24	RPV
RPV-TH-M4	MERID HEAD WELD 135	ISI-I-54-2	CS	1	B-A	B1.22	PRR-24	RPV
RPV-TH-M5	MERID HEAD WELD 180	ISI-I-54-2	CS	1	B-A	B1.22	PRR-24	RPV
RPV-TH-M6	MERID HEAD WELD 225	ISI-I-54-2	CS	1	B-A	B1.22	PRR-24	RPV
RPV-TH-M7	MERID HEAD WELD 270	ISI-I-54-2	CS	1	B-A	B1.22	PRR-24	RPV
RPV-TH-M8	MERID HEAD WELD 315	ISI-I-54-2	CS	1	B-A	B1.22	PRR-24	RPV
RPV-SF-0-120	SHELL TO FLANGE	ISI-I-54-1	CS	1	B-A	B1.30	PRR-24	RPV
RPV-SF-120-240	SHELL TO FLANGE	ISI-I-54-1	CS	1	B-A	B1.30	PRR-24	RPV
RPV-SF-240-360	SHELL TO FLANGE	ISI-I-54-1	CS	1	B-A	B1.30	PRR-24	RPV
RPV-HF-0-120	HEAD TO FLANGE	ISI-I-54-2	CS	1	B-A	B1.40	PRR-24	RPV
RPV-HF-120-240	HEAD TO FLANGE	ISI-I-54-2	CS	1	B-A	B1.40	PRR-24	RPV
RPV-HF-240-360	HEAD TO FLANGE	ISI-I-54-2	CS	1	B-A	B1.40	PRR-24	RPV
					.....			
RPV-N10-NIR	NOZZLE INNER RADIUS	ISI-I-54-1	CS	1	B-D	B3.100	PRR-24	RPV
RPV-N1A-NIR	NOZZLE INNER RADIUS	ISI-I-54-1	CS	1	B-D	B3.100	PRR-24	RPV
RPV-N1B-NIR	NOZZLE INNER RADIUS	ISI-I-54-1	CS	1	B-D	B3.100	PRR-9, PRR-24	RPV
RPV-N2A-NIR	NOZZLE INNER RADIUS	ISI-I-54-1	CS	1	B-D	B3.100	PRR-24	RPV
RPV-N2B-NIR	NOZZLE INNER RADIUS	ISI-I-54-1	CS	1	B-D	B3.100	PRR-24	RPV
RPV-N2C-NIR	NOZZLE INNER RADIUS	ISI-I-54-1	CS	1	B-D	B3.100	PRR-24	RPV
RPV-N2D-NIR	NOZZLE INNER RADIUS	ISI-I-54-1	CS	1	B-D	B3.100	PRR-24	RPV
RPV-N2E-NIR	NOZZLE INNER RADIUS	ISI-I-54-1	CS	1	B-D	B3.100	PRR-24	RPV

TABLE 3.2

PILGRIM NUCLEAR POWER STATION
COMPONENTS SCHEDULED FOR EXAMINATION IN THE THIRD TEN YEAR INSPECTION INTERVAL
(NOT INCLUDING RISK-INFORMED COMPONENTS)

COMPONENTS IN THE RPV SYSTEM

COMPONENT	DESCRIPTION	ISOMETRIC	MATERIAL	ISI CLASS	CODE CATEGORY	CODE ITEM	RELIEF REQUEST	SYSTEM
RPV-N2F-NIR	NOZZLE INNER RADIUS	ISI-I-54-1	CS	1	B-D	B3.100	PRR-24	RPV
RPV-N2G-NIR	NOZZLE INNER RADIUS	ISI-I-54-1	CS	1	B-D	B3.100	PRR-24	RPV
RPV-N2H-NIR	NOZZLE INNER RADIUS	ISI-I-54-1	CS	1	B-D	B3.100	PRR-24	RPV
RPV-N2J-NIR	NOZZLE INNER RADIUS	ISI-I-54-1	CS	1	B-D	B3.100	PRR-24	RPV
RPV-N2K-NIR	NOZZLE INNER RADIUS	ISI-I-54-1	CS	1	B-D	B3.100	PRR-24	RPV
RPV-N3A-NIR	NOZZLE INNER RADIUS	ISI-I-54-1	CS	1	B-D	B3.100	PRR-24	RPV
RPV-N3B-NIR	NOZZLE INNER RADIUS	ISI-I-54-1	CS	1	B-D	B3.100	PRR-24	RPV
RPV-N3C-NIR	NOZZLE INNER RADIUS	ISI-I-54-1	CS	1	B-D	B3.100	PRR-24	RPV
RPV-N3D-NIR	NOZZLE INNER RADIUS	ISI-I-54-1	CS	1	B-D	B3.100	PRR-24	RPV
RPV-N4A-NIR	NOZZLE INNER RADIUS& BORE	ISI-I-54-1	CS	1	B-D	B3.100	PRR-24	RPV
RPV-N4B-NIR	NOZZLE INNER RADIUS& BORE	ISI-I-54-1	CS	1	B-D	B3.100	PRR-24	RPV
RPV-N4C-NIR	NOZZLE INNER RADIUS& BORE	ISI-I-54-1	CS	1	B-D	B3.100	PRR-24	RPV
RPV-N4D-NIR	NOZZLE INNER RADIUS& BORE	ISI-I-54-1	CS	1	B-D	B3.100	PRR-24	RPV
RPV-N6A-NIR	NOZZLE INNER RADIUS	ISI-I-54-1	CS	1	B-D	B3.100	PRR-24	RPV
RPV-N6B-NIR	NOZZLE INNER RADIUS	ISI-I-54-1	CS	1	B-D	B3.100	PRR-24	RPV
RPV-N7A-NIR	NOZZLE INNER RADIUS	ISI-I-54-2	CS	1	B-D	B3.100	PRR-24	RPV
RPV-N7B-NIR	NOZZLE INNER RADIUS	ISI-I-54-2	CS	1	B-D	B3.100	PRR-24	RPV
RPV-N8-NIR	NOZZLE INNER RADIUS	ISI-I-54-2	CS	1	B-D	B3.100	PRR-24	RPV
RPV-N9A-NIR	NOZZLE INNER RADIUS	ISI-I-54-1	CS	1	B-D	B3.100	PRR-24	RPV

TABLE 3.2

PILGRIM NUCLEAR POWER STATION
COMPONENTS SCHEDULED FOR EXAMINATION IN THE THIRD TEN YEAR INSPECTION INTERVAL
(NOT INCLUDING RISK-INFORMED COMPONENTS)

COMPONENTS IN THE RPV SYSTEM

COMPONENT	DESCRIPTION	ISOMETRIC	MATERIAL	ISI CLASS	CODE CATEGORY	CODE ITEM	RELIEF REQUEST	SYSTEM
RPV-N9B-NIR	NOZZLE INNER RADIUS	ISI-I-54-1	CS	1	B-D	B3.100	PRR-24	RPV
RPV-N10-NV	NOZZLE TO VESSEL	ISI-I-54-1	CS	1	B-D	B3.90	PRR-9, PRR-24	RPV
RPV-N1A-NV	NOZZLE TO VESSEL	ISI-I-54-1	CS	1	B-D	B3.90	PRR-9, PRR-24	RPV
RPV-N1B-NV	NOZZLE TO VESSEL	ISI-I-54-1	CS	1	B-D	B3.90	PRR-9, PRR-24	RPV
RPV-N2A-NV	NOZZLE TO VESSEL	ISI-I-54-1	CS	1	B-D	B3.90	PRR-9, PRR-24	RPV
RPV-N2B-NV	NOZZLE TO VESSEL	ISI-I-54-1	CS	1	B-D	B3.90	PRR-9, PRR-24	RPV
RPV-N2C-NV	NOZZLE TO VESSEL	ISI-I-54-1	CS	1	B-D	B3.90	PRR-9, PRR-24	RPV
RPV-N2D-NV	NOZZLE TO VESSEL	ISI-I-54-1	CS	1	B-D	B3.90	PRR-9, PRR-24	RPV
RPV-N2E-NV	NOZZLE TO VESSEL	ISI-I-54-1	CS	1	B-D	B3.90	PRR-9, PRR-24	RPV
RPV-N2F-NV	NOZZLE TO VESSEL	ISI-I-54-1	CS	1	B-D	B3.90	PRR-9, PRR-24	RPV
RPV-N2G-NV	NOZZLE TO VESSEL	ISI-I-54-1	CS	1	B-D	B3.90	PRR-9, PRR-24	RPV
RPV-N2H-NV	NOZZLE TO VESSEL	ISI-I-54-1	CS	1	B-D	B3.90	PRR-9, PRR-24	RPV
RPV-N2J-NV	NOZZLE TO VESSEL	ISI-I-54-1	CS	1	B-D	B3.90	PRR-9, PRR-24	RPV
RPV-N2K-NV	NOZZLE TO VESSEL	ISI-I-54-1	CS	1	B-D	B3.90	PRR-9, PRR-24	RPV
RPV-N3A-NV	NOZZLE TO VESSEL	ISI-I-54-1	CS	1	B-D	B3.90	PRR-24	RPV
RPV-N3B-NV	NOZZLE TO VESSEL	ISI-I-54-1	CS	1	B-D	B3.90	PRR-24	RPV
RPV-N3C-NV	NOZZLE TO VESSEL	ISI-I-54-1	CS	1	B-D	B3.90	PRR-24	RPV
RPV-N3D-NV	NOZZLE TO VESSEL	ISI-I-54-1	CS	1	B-D	B3.90	PRR-24	RPV
RPV-N4A-NV	NOZZLE TO VESSEL	ISI-I-54-1	CS	1	B-D	B3.90	PRR-9, PRR-24	RPV
RPV-N4B-NV	NOZZLE TO VESSEL	ISI-I-54-1	CS	1	B-D	B3.90	PRR-9, PRR-24	RPV
RPV-N4C-NV	NOZZLE TO VESSEL	ISI-I-54-1	CS	1	B-D	B3.90	PRR-9, PRR-24	RPV
RPV-N4D-NV	NOZZLE TO VESSEL	ISI-I-54-1	CS	1	B-D	B3.90	PRR-9, PRR-24	RPV

TABLE 3.2

PILGRIM NUCLEAR POWER STATION
COMPONENTS SCHEDULED FOR EXAMINATION IN THE THIRD TEN YEAR INSPECTION INTERVAL
(NOT INCLUDING RISK-INFORMED COMPONENTS)

COMPONENTS IN THE RPV SYSTEM

COMPONENT	DESCRIPTION	ISOMETRIC	MATERIAL	ISI CLASS	CODE CATEGORY	CODE ITEM	RELIEF REQUEST	SYSTEM
RPV-N6A-NV	NOZZLE TO VESSEL	ISI-I-54-1	CS	1	B-D	B3.90	PRR-9, PRR-24	RPV
RPV-N6B-NV	NOZZLE TO VESSEL	ISI-I-54-1	CS	1	B-D	B3.90	PRR-9, PRR-24	RPV
RPV-N7A-NV	NOZZLE TO VESSEL	ISI-I-54-2	CS	1	B-D	B3.90	PRR-24	RPV
RPV-N7B-NV	NOZZLE TO VESSEL	ISI-I-54-2	CS	1	B-D	B3.90	PRR-24	RPV
RPV-N8-NV	NOZZLE TO VESSEL	ISI-I-54-2	CS	1	B-D	B3.90	PRR-24	RPV
RPV-N9A-NV	NOZZLE TO VESSEL	ISI-I-54-1	CS	1	B-D	B3.90	PRR-9, PRR-24	RPV
RPV-N9B-NV	NOZZLE TO VESSEL	ISI-I-54-1	CS	1	B-D	B3.90	PRR-9, PRR-24	RPV
					.....			
RPV-N11-NV	PART PENET NOZZLE	ISI-I-12-1SH1	CS	1	B-E	B4.11		RPV
RPV-N14-NV	PART PENET NOZZLE	ISI-I-11-1	CS	1	B-E	B4.11		RPV
RPV-N15A-NV	PART PENET NOZZLE	ISI-I-54-1	CS	1	B-E	B4.11		RPV
RPV-N15B-NV	PART PENET NOZZLE	ISI-I-54-1	CS	1	B-E	B4.11		RPV
RPV-N16A-NV	PART PENET NOZZLE	ISI-I-54-1	SS/CS	1	B-E	B4.11		RPV
RPV-N16B-NV	PART PENET NOZZLE	ISI-I-54-1	CS	1	B-E	B4.11		RPV
CRD NOZZLES	145 CRD NOZZLES	N/A	CS	1	B-E	B4.12		RPV
INST NOZZLES	42 INST NOZZLES	N/A	CS	1	B-E	B4.13		RPV
					.....			
RPV-CHN-1-18	CLOSURE HEAD NUTS	ISI-I-54-2	CS	1	B-G-1	B6.10		RPV
RPV-CHN-19-36	CLOSURE HEAD NUTS	ISI-I-54-2	CS	1	B-G-1	B6.10		RPV
RPV-CHN-37-56	CLOSURE HEAD NUTS	ISI-I-54-2	CS	1	B-G-1	B6.10		RPV
RPV-CS-1-18	CLOSURE STUDS	ISI-I-54-2	CS	1	B-G-1	B6.20	PRR-24	RPV

TABLE 3.2

PILGRIM NUCLEAR POWER STATION
COMPONENTS SCHEDULED FOR EXAMINATION IN THE THIRD TEN YEAR INSPECTION INTERVAL
(NOT INCLUDING RISK-INFORMED COMPONENTS)

COMPONENTS IN THE RPV SYSTEM

COMPONENT	DESCRIPTION	ISOMETRIC	MATERIAL	ISI CLASS	CODE CATEGORY	CODE ITEM	RELIEF REQUEST	SYSTEM
RPV-CS-19-36	CLOSURE STUDS	ISI-I-54-2	CS	1	B-G-1	B6.20	PRR-24	RPV
RPV-CS-37-56	CLOSURE STUDS	ISI-I-54-2	CS	1	B-G-1	B6.20	PRR-24	RPV
RPV-HB-41	CLOSURE STUDS	ISI-I-54-2	CS	1	B-G-1	B6.30	PRR-24	RPV
RPV-HB-42	CLOSURE STUDS	ISI-I-54-2	CS	1	B-G-1	B6.30	PRR-24	RPV
RPV-HB-43	CLOSURE STUDS	ISI-I-54-2	CS	1	B-G-1	B6.30	PRR-24	RPV
RPV-HB-44	CLOSURE STUDS	ISI-I-54-2	CS	1	B-G-1	B6.30	PRR-24	RPV
RPV-FT-1-18	THREADS IN FLANGE	ISI-I-54-2	CS	1	B-G-1	B6.40	PRR-24	RPV
RPV-FT-19-36	THREADS IN FLANGE	ISI-I-54-2	CS	1	B-G-1	B6.40	PRR-24	RPV
RPV-FT-37-56	THREADS IN FLANGE	ISI-I-54-2	CS	1	B-G-1	B6.40	PRR-24	RPV
RPV-CB-1-18	CLOSURE BUSHINGS	ISI-I-54-2	CS	1	B-G-1	B6.50		RPV
RPV-CB-19-36	CLOSURE BUSHINGS	ISI-I-54-2	CS	1	B-G-1	B6.50		RPV
RPV-CB-37-56	CLOSURE BUSHINGS	ISI-I-54-2	CS	1	B-G-1	B6.50		RPV
RPV-CW-1-18	CLOSURE WASHERS	ISI-I-54-2	CS	1	B-G-1	B6.50		RPV
RPV-CW-19-36	CLOSURE WASHERS	ISI-I-54-2	CS	1	B-G-1	B6.50		RPV
RPV-CW-37-56	CLOSURE WASHERS	ISI-I-54-2	CS	1	B-G-1	B6.50		RPV
					.....			
RPV-FB-N7A	FLANGE BOLTING	ISI-I-54-4	CS	1	B-G-2	B7.10		RPV
RPV-FB-N7B	FLANGE BOLTING	ISI-I-54-4	CS	1	B-G-2	B7.10		RPV
RPV-FB-N8	FLANGE BOLTING	ISI-I-54-4	CS	1	B-G-2	B7.10		RPV
RPV-FB-CRD	CRD BOLTING	N/A		1	B-G-2	B7.80		RPV
					.....			

TABLE 3.2

PILGRIM NUCLEAR POWER STATION
COMPONENTS SCHEDULED FOR EXAMINATION IN THE THIRD TEN YEAR INSPECTION INTERVAL
(NOT INCLUDING RISK-INFORMED COMPONENTS)

COMPONENTS IN THE RPV SYSTEM

COMPONENT	DESCRIPTION	ISOMETRIC	MATERIAL	ISI CLASS	CODE CATEGORY	CODE ITEM	RELIEF REQUEST	SYSTEM
RPV-SBW-0	RPV STABILIZER WELD	ISI-I-54-1	CS	1	B-H	B8.10		RPV
RPV INTERIOR	VESSEL INTERIOR	N/A	CS	1	B-N-1	B13.10		RPV
RPV INT ATTACH - BELTLINE	RPV INTERIOR ATTACHMENTS WITHIN BELTLINE REGION	N/A	CS	1	B-N-2	B13.20		RPV
RPV INT ATTACH - NON-BELT	RPV INTERIOR ATTACHMENTS OUTSIDE BELTLINE REGION	N/A	CS	1	B-N-2	B13.30		RPV
RPV CSS	CORE SUPPORT STRUCT	N/A	CS	1	B-N-2	B13.40		RPV
RPV-CRD-HSG-1	CRD HOUSING WELD	N/A	SS	1	B-O	B14.10	PRR-24	RPV
RPV-CRD-HSG-2	CRD HOUSING WELD	N/A	SS	1	B-O	B14.10	PRR-24	RPV
RPV-CRD-HSG-3	CRD HOUSING WELD	N/A	SS	1	B-O	B14.10	PRR-24	RPV
RPV-CRD-HSG-4	CRD HOUSING WELD	N/A	SS	1	B-O	B14.10	PRR-24	RPV
H-54-1-1	RPV SUPPORT	N/A	N/A	1	F-A	F1.40-B		RPV
H-54-1-SB0	RPV STABILIZER	ISI-I-54-1		1	F-A	F1.40-B		RPV
H-54-1-SB180	RPV STABILIZER	ISI-I-54-1		1	F-A	F1.40-B		RPV
H-54-1-SB270	RPV STABILIZER	ISI-I-54-1		1	F-A	F1.40-B		RPV
H-54-1-SB90	RPV STABILIZER	ISI-I-54-1		1	F-A	F1.40-B		RPV

TABLE 3.2

PILGRIM NUCLEAR POWER STATION
COMPONENTS SCHEDULED FOR EXAMINATION IN THE THIRD TEN YEAR INSPECTION INTERVAL
(NOT INCLUDING RISK-INFORMED COMPONENTS)

COMPONENTS IN THE RWCU SYSTEM

COMPONENT	DESCRIPTION	ISOMETRIC	MATERIAL	ISI CLASS	CODE CATEGORY	CODE ITEM	RELIEF REQUEST	SYSTEM
12-VB-1201-2	VALVE BOLTING	ISI-I-12-1SH1	SS	1	B-G-2	B7.70		RWCU
12-VB-1201-39	VALVE BOLTING	ISI-I-12-1SH2	CS	1	B-G-2	B7.70		RWCU
12-VB-1201-5	VALVE BOLTING	ISI-I-12-1SH1	SS	1	B-G-2	B7.70		RWCU
12-VB-1201-65	VALVE BOLTING	ISI-I-12-1SH2	CS	1	B-G-2	B7.70		RWCU
12-VB-1201-80	VALVE BOLTING	ISI-I-12-2	SS	1	B-G-2	B7.70		RWCU
12-VB-1201-81	VALVE BOLTING	ISI-I-12-2	CS	1	B-G-2	B7.70		RWCU
12-VB-1201-82	VALVE BOLTING	ISI-I-12-2	CS	1	B-G-2	B7.70		RWCU
12-VB-1201-85	VALVE BOLTING	ISI-I-12-1SH1	SS	1	B-G-2	B7.70		RWCU

H-12-1-100	RIGID HANGER	ISI-I-12-2	N/A	1	F-A	F1.10-A		RWCU
H-12-1-113	GUIDE	ISI-I-12-2	N/A	1	F-A	F1.10-B		RWCU
H-12-1-4SG	RIGID RESTRAINT	ISI-I-12-2	N/A	1	F-A	F1.10-B		RWCU
H-12-1-5	GUIDE	ISI-I-12-2	N/A	1	F-A	F1.10-B		RWCU
H-12-1-5SA	ANCHOR	ISI-I-12-2	N/A	1	F-A	F1.10-B		RWCU
H-12-1-96	GUIDE	ISI-I-12-1SH2	N/A	1	F-A	F1.10-B		RWCU
H-4-1-1	GUIDE	ISI-I-12-1SH2	N/A	1	F-A	F1.10-B		RWCU
H-12-1-11	SPRING HANGER	ISI-I-12-1SH1	N/A	1	F-A	F1.10-C		RWCU
H-12-1-14	SPRING HANGER	ISI-I-12-1SH1	N/A	1	F-A	F1.10-C		RWCU
H-12-1-8	SPRING HANGER	ISI-I-12-2	N/A	1	F-A	F1.10-C		RWCU

H-20-1-7	GUIDE	ISI-I-12-1SH2	N/A	4	F-A-CL4	F1.20-B		RWCU

TABLE 3.2

PILGRIM NUCLEAR POWER STATION
COMPONENTS SCHEDULED FOR EXAMINATION IN THE THIRD TEN YEAR INSPECTION INTERVAL
(NOT INCLUDING RISK-INFORMED COMPONENTS)

COMPONENTS IN THE RWCU SYSTEM

COMPONENT	DESCRIPTION	ISOMETRIC	MATERIAL	ISI CLASS	CODE CATEGORY	CODE ITEM	RELIEF REQUEST	SYSTEM

TABLE 3.2

PILGRIM NUCLEAR POWER STATION
COMPONENTS SCHEDULED FOR EXAMINATION IN THE THIRD TEN YEAR INSPECTION INTERVAL
(NOT INCLUDING RISK-INFORMED COMPONENTS)

COMPONENTS IN THE SBLC SYSTEM

COMPONENT	DESCRIPTION	ISOMETRIC	MATERIAL	ISI CLASS	CODE CATEGORY	CODE ITEM	RELIEF REQUEST	SYSTEM
11-VB-1101-1	VALVE BOLTING	ISI-I-11-1	SS	1	B-G-2	B7.70		SBLC
11-VB-1101-15	VALVE BOLTING	ISI-I-11-1	SS	1	B-G-2	B7.70		SBLC
11-VB-1101-16	VALVE BOLTING	ISI-I-11-1	SS	1	B-G-2	B7.70		SBLC
					.....			
H-11-1-19	RIGID HANGER	ISI-I-11-1	N/A	1	F-A	F1.10-A		SBLC
H-11-1-18	GUIDE	ISI-I-11-1	N/A	1	F-A	F1.10-B		SBLC
H-11-1-24	GUIDE	ISI-I-11-1	N/A	1	F-A	F1.10-B		SBLC
H-11-1-30	GUIDE	ISI-I-11-1	N/A	1	F-A	F1.10-B		SBLC
H-11-1-32	GUIDE	ISI-I-11-1	N/A	1	F-A	F1.10-B		SBLC
H-11-1-37	GUIDE	ISI-I-11-1	N/A	1	F-A	F1.10-B		SBLC
H-11-1-40	GUIDE	ISI-I-11-1	N/A	1	F-A	F1.10-B		SBLC
					.....			

TABLE 3.2

PILGRIM NUCLEAR POWER STATION
COMPONENTS SCHEDULED FOR EXAMINATION IN THE THIRD TEN YEAR INSPECTION INTERVAL
(NOT INCLUDING RISK-INFORMED COMPONENTS)

COMPONENTS IN THE SSW SYSTEM

COMPONENT	DESCRIPTION	ISOMETRIC	MATERIAL	ISI CLASS	CODE CATEGORY	CODE ITEM	RELIEF REQUEST	SYSTEM
29-P208A-HL	PUMP INTEGRAL ATTMT	ISI-I-29-1SH2	CS	3	D-B	D2.20		SSW
JF-29-1321HL	HANGER LUG	ISI-I-29-1SH2		3	D-B	D2.20		SSW
JF-29-1333HL	HANGER LUG	ISI-I-29-1SH2		3	D-B	D2.20		SSW

H-29-1-25	RIGID HANGER	ISI-I-29-1SH2	N/A	3	F-A	F1.30-A		SSW
H-29-1-27	RIGID HANGER	ISI-I-29-1SH2	N/A	3	F-A	F1.30-A		SSW
H-29-1-863	PIPE RESTRAINT	ISI-I-29-1SH1	N/A	3	F-A	F1.30-A		SSW
H-29-1-36	RIGID HANGER	ISI-I-29-1SH2	N/A	3	F-A	F1.30-B		SSW
H-29-1-5	RIGID HANGER	ISI-I-29-1SH1	N/A	3	F-A	F1.30-B		SSW
H-29-1-53	RESTRAINT	ISI-I-29-1SH1	N/A	3	F-A	F1.30-B		SSW
H-29-1-P208A	PUMP SUPPORT	ISI-I-29-1SH2	N/A	3	F-A	F1.40-B		SSW

TABLE 3.3
RISK-INFORMED
INSERVICE INSPECTION SUMMARY TABLE

Examination Category	Item Number	Parts Examined	Number of Elements			Examination Method(s)	Relief Request
			High Risk	Med. Risk	Low Risk		
R-A	R1.11	Elements Subject to Thermal Fatigue	67[1]	3	0	Volumetric	
	R1.12	Elements Subject to High Cycle Mechanical Fatigue	0	0	0	Visual, VT-2	
	R1.13	Elements Subject to Erosion Cavitation	0	0	0	Volumetric	
	R1.14	Elements Subject to Crevice Corrosion Cracking	2[1]	0	0	Volumetric	
	R1.15	Elements Subject to Primary Water Stress Corrosion Cracking (PWSCC)	0	0	0	Visual, VT-2	
	R1.16	Elements Subject to Intergranular or Transgranular Stress Corrosion Cracking (IGSCC, TGSCC)	0[2]	0[2]	0[2]	Volumetric	
	R1.17	Elements Subject to Localized Microbiological Corrosion [Microbiologically-Induced Corrosion (MIC) or Pitting]	0	0	0	Visual, VT-3 on Internal Surfaces, or Volumetric	

TABLE 3.3
RISK-INFORMED
INSERVICE INSPECTION SUMMARY TABLE

Examination Category	Item Number	Parts Examined	Number of Elements			Examination Method(s)	Relief Request
			High Risk	Med. Risk	Low Risk		
R-A	R1.18	Elements Subject to Flow Accelerated Corrosion (FAC)	0[3]	0[3]	0[3]	See Note 3	
	R1.19	Elements Subject to External Chloride Stress Corrosion Cracking (ECSCC)	0	0	0	Surface	
	R1.20	Elements Not Subject to a Damage Mechanism	0	432	131	Volumetric	

Notes:

1. Four of the sixty-seven elements listed under Item No. R1.11 are subject to crevice corrosion cracking in addition to thermal fatigue conditions. For documentation purposes, all four have only been included in the total count for Item No. R1.11. In accordance with EPRI Topical Report No. TR-112657, any examinations performed on these four elements will be subject to the criteria for both crevice corrosion cracking and thermal fatigue locations.
2. In accordance with EPRI Topical Report No. TR-112657, welds classified as Category "A" per NRC Generic Letter 88-01 are considered resistant to IGSCC. As such, IGSCC is not assigned as a degradation mechanism for these welds. Welds classified as Categories "B" through "G" per Generic Letter 88-01 are examined in accordance with the PNPS IGSCC Program. Coordination between the IGSCC Program and RI-ISI Program is described in the PNPS RI-ISI Template.
3. Flow accelerated corrosion examinations are performed in accordance with the PNPS FAC Program. Coordination between the FAC Program and the RI-ISI Program is described in the PNPS RI-ISI Template.

TABLE 3.4

PILGRIM NUCLEAR POWER STATION

RISK-INFORMED COMPONENTS SCHEDULED FOR EXAMINATION IN THE THIRD TEN YEAR INSPECTION INTERVAL

COMPONENTS IN THE CS SYSTEM

COMPONENT	DESCRIPTION	ISOMETRIC	MATERIAL	ISI CLASS	RISK-INFORMED (CODE) CATEGORY	RISK-INFORMED (CODE) ITEM	RELIEF REQUEST	SYSTEM
14-A-10	PIPE TO ELBOW	ISI-I-14-1	CS	1	R-A (B-J)	R1.10 (B9.11)		CS
14-A-9A	ELBOW TO PIPE	ISI-I-14-1	CS	1	R-A (B-J)	R1.10 (B9.11)		CS
14R-A-11	PIPE TO VALVE	ISI-I-14-1	SS	1	R-A (B-J)	R1.10 (B9.11)		CS
14-A-10A	*(2)* VALVE TO PIPE	ISI-I-14-1	SS/CS	1	R-A (B-F)	R1.16 (B5.130)		CS
14-A-3	*(2)* PIPE TO REDUCER	ISI-I-14-1	CS/SS	1	R-A (B-F)	R1.16 (B5.130)		CS

TABLE 3.4

PILGRIM NUCLEAR POWER STATION

RISK-INFORMED COMPONENTS SCHEDULED FOR EXAMINATION IN THE THIRD TEN YEAR INSPECTION INTERVAL

COMPONENTS IN THE FW SYSTEM

COMPONENT	DESCRIPTION	ISOMETRIC	MATERIAL	ISI CLASS	RISK-INFORMED (CODE) CATEGORY	RISK-INFORMED (CODE) ITEM	RELIEF REQUEST	SYSTEM
6-A-10	PIPE TO FLUED HEAD	ISI-I-6-1	CS	1	R-A (B-J)	R1.11 (B9.11)		FW
6-A-12	PIPE TO PIPE	ISI-I-6-1A	CS	1	R-A (B-J)	R1.11 (B9.11)		FW
6-N4A-12	REDUCER TO PIPE	ISI-I-6-1	CS	1	R-A (B-J)	R1.11 (B9.11)		FW
6-N4A-13	TEE TO REDUCER	ISI-I-6-1	CS	1	R-A (B-J)	R1.11 (B9.11)		FW
6-N4B-11	TEE TO ELBOW	ISI-I-6-1	CS	1	R-A (B-J)	R1.11 (B9.11)		FW
6-N4C-2	PIPE TO PIPE	ISI-I-6-1	CS	1	R-A (B-J)	R1.11 (B9.11)		FW
6-N4D-2	PIPE TO PIPE	ISI-I-6-1	CS	1	R-A (B-J)	R1.11 (B9.11)		FW

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TABLE 3.4

PILGRIM NUCLEAR POWER STATION

RISK-INFORMED COMPONENTS SCHEDULED FOR EXAMINATION IN THE THIRD TEN YEAR INSPECTION INTERVAL

COMPONENTS IN THE HPCI SYSTEM

COMPONENT	DESCRIPTION	ISOMETRIC	MATERIAL	ISI CLASS	RISK-INFORMED (CODE) CATEGORY	RISK-INFORMED (CODE) ITEM	RELIEF REQUEST	SYSTEM
23-I-16	PIPE TO ELBOW	ISI-I-23-1	CS	1	R-A (B-J)	R1.10 (B9.11)		HPCI
23-I-17	VALVE TO PIPE	ISI-I-23-1	CS	1	R-A (B-J)	R1.10 (B9.11)		HPCI
23-O-17	PENETRATION TO PIPE	ISI-I-23-1	CS	1	R-A (B-J)	R1.10 (B9.11)		HPCI
23-O-18	PIPE TO ELBOW	ISI-I-23-1	CS	1	R-A (B-J)	R1.10 (B9.11)		HPCI
23-I-3	ELBOW TO PIPE	ISI-I-23-1	CS	1	R-A (B-J)	R1.11 (B9.11)		HPCI

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TABLE 3.4

PILGRIM NUCLEAR POWER STATION

RISK-INFORMED COMPONENTS SCHEDULED FOR EXAMINATION IN THE THIRD TEN YEAR INSPECTION INTERVAL

COMPONENTS IN THE MS SYSTEM

COMPONENT	DESCRIPTION	ISOMETRIC	MATERIAL	ISI CLASS	RISK-INFORMED (CODE) CATEGORY	RISK-INFORMED (CODE) ITEM	RELIEF REQUEST	SYSTEM
1-SD-10R	PIPE TO VALVE	ISI-I-1-1SH2	CS	1	R-A (B-J)	R1.11 (B9.21)		MS
1-B-15	FLUED HEAD TO PIPE	ISI-I-1-1SH2	CS	1	R-A (B-J)	R1.18 (B9.11)		MS
1-C-15	FLUED HEAD TO PIPE	ISI-I-1-1SH2	CS	1	R-A (B-J)	R1.18 (B9.11)		MS
1-D-15	FLUED HEAD TO PIPE	ISI-I-1-1SH2	CS	1	R-A (B-J)	R1.18 (B9.11)		MS

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TABLE 3.4

PILGRIM NUCLEAR POWER STATION

RISK-INFORMED COMPONENTS SCHEDULED FOR EXAMINATION IN THE THIRD TEN YEAR INSPECTION INTERVAL

COMPONENTS IN THE RCIC SYSTEM

COMPONENT	DESCRIPTION	ISOMETRIC	MATERIAL	ISI CLASS	RISK-INFORMED (CODE) CATEGORY	RISK-INFORMED (CODE) ITEM	RELIEF REQUEST	SYSTEM
13-I-16	VALVE TO PIPE	ISI-I-13-1	CS	1	R-A (B-J)	R1.10 (B9.11)		RCIC
13-O-18	PIPE TO PIPE	ISI-I-13-1	CS	1	R-A (B-J)	R1.10 (B9.21)		RCIC
13-O-19	PIPE TO VALVE	ISI-I-13-1	CS	1	R-A (B-J)	R1.10 (B9.21)		RCIC

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TABLE 3.4

PILGRIM NUCLEAR POWER STATION

RISK-INFORMED COMPONENTS SCHEDULED FOR EXAMINATION IN THE THIRD TEN YEAR INSPECTION INTERVAL

COMPONENTS IN THE RECIRC SYSTEM

COMPONENT	DESCRIPTION	ISOMETRIC	MATERIAL	ISI CLASS	RISK-INFORMED (CODE) CATEGORY	RISK-INFORMED (CODE) ITEM	RELIEF REQUEST	SYSTEM
2R-HA-1	HEADER TO BEND	ISI-I-2R-A	SS	1	R-A (B-J)	R1.10 (B9.11)		RECIRC
2R-HA-4	HEADER TO BEND	ISI-I-2R-A	SS	1	R-A (B-J)	R1.10 (B9.11)		RECIRC
2R-HB-1	HEADER TO BEND	ISI-I-2R-B	SS	1	R-A (B-J)	R1.10 (B9.11)		RECIRC
2R-HB-4	HEADER TO BEND	ISI-I-2R-B	SS	1	R-A (B-J)	R1.10 (B9.11)		RECIRC
2R-N2K-2	PIPE TO SAFE END	ISI-I-2R-B	SS	1	R-A (B-J)	R1.10 (B9.11)		RECIRC

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TABLE 3.4

PILGRIM NUCLEAR POWER STATION

RISK-INFORMED COMPONENTS SCHEDULED FOR EXAMINATION IN THE THIRD TEN YEAR INSPECTION INTERVAL

COMPONENTS IN THE RHR SYSTEM

COMPONENT	DESCRIPTION	ISOMETRIC	MATERIAL	ISI CLASS	RISK-INFORMED (CODE) CATEGORY	RISK-INFORMED (CODE) ITEM	RELIEF REQUEST	SYSTEM
10-O-24	PIPE TO PIPE	ISI-I-10-1A	CS	1	R-A (B-J)	R1.10 (B9.11)		RHR
10-O-25	PIPE TO PIPE	ISI-I-10-1A	CS	1	R-A (B-J)	R1.10 (B9.11)		RHR
10R-IA-3	PIPE TO ELBOW	ISI-I-10-1	SS	1	R-A (B-J)	R1.11 (B9.11)		RHR
10R-IA-4	ELBOW TO PIPE	ISI-I-10-1	SS	1	R-A (B-J)	R1.11 (B9.11)		RHR
10R-IA-6	PIPE TO VALVE	ISI-I-10-1	SS	1	R-A (B-J)	R1.11 (B9.11)		RHR
10R-IA-7	VALVE TO PIPE	ISI-I-10-1	SS	1	R-A (B-J)	R1.11 (B9.11)		RHR

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TABLE 3.4

PILGRIM NUCLEAR POWER STATION

RISK-INFORMED COMPONENTS SCHEDULED FOR EXAMINATION IN THE THIRD TEN YEAR INSPECTION INTERVAL

COMPONENTS IN THE RPV SYSTEM

COMPONENT	DESCRIPTION	ISOMETRIC	MATERIAL	ISI CLASS	RISK-INFORMED (CODE) CATEGORY	RISK-INFORMED (CODE) ITEM	RELIEF REQUEST	SYSTEM
RPV-N16B-R-2	SAFE END TO REDUCER	ISI-I-54-4	IN/SS	1	R-A (B-F)	R1.10 (B5.140)		RPV

TABLE 3.4

PILGRIM NUCLEAR POWER STATION

RISK-INFORMED COMPONENTS SCHEDULED FOR EXAMINATION IN THE THIRD TEN YEAR INSPECTION INTERVAL

COMPONENTS IN THE RWCU SYSTEM

COMPONENT	DESCRIPTION	ISOMETRIC	MATERIAL	ISI CLASS	RISK-INFORMED (CODE) CATEGORY	RISK-INFORMED (CODE) ITEM	RELIEF REQUEST	SYSTEM
12-O-28R	PIPE TO ELBOW	ISI-I-12-1SH1	SS	1	R-A (B-J)	R1.10 (B9.11)		RWCU
12R-O-7	ELBOW TO PIPE	ISI-I-12-1SH1	SS	1	R-A (B-J)	R1.10 (B9.11)		RWCU
12-O-24	*(2)* PENETRATION TO PIPE	ISI-I-12-1SH1	SS	1	R-A (B-J)	R1.16 (B9.11)		RWCU

TABLE 3.4

PILGRIM NUCLEAR POWER STATION

RISK-INFORMED COMPONENTS SCHEDULED FOR EXAMINATION IN THE THIRD TEN YEAR INSPECTION INTERVAL

COMPONENTS IN THE SBLC SYSTEM

COMPONENT	DESCRIPTION	ISOMETRIC	MATERIAL	ISI CLASS	RISK-INFORMED (CODE) CATEGORY	RISK-INFORMED (CODE) ITEM	RELIEF REQUEST	SYSTEM
B-11-75	PIPE TO PIPE	ISI-I-11-1	SS	1	R-A (B-J)	R1.10 (B9.40)		SBLC
B-11-78	PIPE TO ELBOW	ISI-I-11-1	SS	1	R-A (B-J)	R1.10 (B9.40)		SBLC
B-11-79	ELBOW TO PIPE	ISI-I-11-1	SS	1	R-A (B-J)	R1.10 (B9.40)		SBLC

Legend

(1) FAC PROGRAM EXAM CREDITED
(2) IGSCC PROGRAM EXAM CREDITED

TABLE 3.5

PILGRIM NUCLEAR POWER STATION
ALL RISK-INFORMED COMPONENTS INCLUDED IN THE PNPS ISI PROGRAM

COMPONENTS IN THE CS SYSTEM

COMPONENT	DESCRIPTION	ISOMETRIC	MATERIAL	ISI CLASS	RISK-INFORMED (CODE) CATEGORY	RISK-INFORMED (CODE) ITEM	RELIEF REQUEST	SYSTEM
14-A-10	PIPE TO ELBOW	ISI-I-14-1	CS	1	R-A (B-J)	R1.10 (B9.11)		CS
14-A-9A	ELBOW TO PIPE	ISI-I-14-1	CS	1	R-A (B-J)	R1.10 (B9.11)		CS
14R-A-11	PIPE TO VALVE	ISI-I-14-1	SS	1	R-A (B-J)	R1.10 (B9.11)		CS
14-A-10A	*(2)* VALVE TO PIPE	ISI-I-14-1	SS/CS	1	R-A (B-F)	R1.16 (B5.13)		CS
14-A-3	*(2)* PIPE TO REDUCER	ISI-I-14-1	CS/SS	1	R-A (B-F)	R1.16 (B5.13)		CS

TABLE 3.5

PILGRIM NUCLEAR POWER STATION
ALL RISK-INFORMED COMPONENTS INCLUDED IN THE PNPS ISI PROGRAM

COMPONENTS IN THE FW SYSTEM

COMPONENT	DESCRIPTION	ISOMETRIC	MATERIAL	ISI CLASS	RISK-INFORMED (CODE) CATEGORY	RISK-INFORMED (CODE) ITEM	RELIEF REQUEST	SYSTEM
6-A-10	PIPE TO FLUED HEAD	ISI-I-6-1	CS	1	R-A (B-J)	R1.11 (B9.11)		FW
6-A-12	PIPE TO PIPE	ISI-I-6-1A	CS	1	R-A (B-J)	R1.11 (B9.11)		FW
6-N4A-12	REDUCER TO PIPE	ISI-I-6-1	CS	1	R-A (B-J)	R1.11 (B9.11)		FW
6-N4A-13	TEE TO REDUCER	ISI-I-6-1	CS	1	R-A (B-J)	R1.11 (B9.11)		FW
6-N4B-11	TEE TO ELBOW	ISI-I-6-1	CS	1	R-A (B-J)	R1.11 (B9.11)		FW
6-N4B-8	ELBOW TO PIPE	ISI-I-6-1	CS	1	R-A (B-J)	R1.11 (B9.11)		FW
6-N4C-2	PIPE TO PIPE	ISI-I-6-1	CS	1	R-A (B-J)	R1.11 (B9.11)		FW
6-N4D-2	PIPE TO PIPE	ISI-I-6-1	CS	1	R-A (B-J)	R1.11 (B9.11)		FW
6-N4C-11	*(1)* ELBOW TO PIPE	ISI-I-6-1	CS	1	R-A (B-J)	R1.18 (B9.11)		FW
6-N4D-14	*(1)* PIPE TO REDUCER	ISI-I-6-1	CS	1	R-A (B-J)	R1.18 (B9.11)		FW
6-N4D-15	*(1)* PIPE TO PIPE	ISI-I-6-1	CS	1	R-A (B-J)	R1.18 (B9.11)		FW
6-N4D-16	*(1)* TEE TO PIPE	ISI-I-6-1	CS	1	R-A (B-J)	R1.18 (B9.11)		FW

TABLE 3.5

PILGRIM NUCLEAR POWER STATION
ALL RISK-INFORMED COMPONENTS INCLUDED IN THE PNPS ISI PROGRAM

COMPONENTS IN THE HPCI SYSTEM

COMPONENT	DESCRIPTION	ISOMETRIC	MATERIAL	ISI CLASS	RISK-INFORMED (CODE) CATEGORY	RISK-INFORMED (CODE) ITEM	RELIEF REQUEST	SYSTEM
23-I-16	PIPE TO ELBOW	ISI-I-23-1	CS	1	R-A (B-J)	R1.10 (B9.11)		HPCI
23-I-17	VALVE TO PIPE	ISI-I-23-1	CS	1	R-A (B-J)	R1.10 (B9.11)		HPCI
23-O-17	PENETRATION TO PIPE	ISI-I-23-1	CS	1	R-A (B-J)	R1.10 (B9.11)		HPCI
23-O-18	PIPE TO ELBOW	ISI-I-23-1	CS	1	R-A (B-J)	R1.10 (B9.11)		HPCI
23-I-3	ELBOW TO PIPE	ISI-I-23-1	CS	1	R-A (B-J)	R1.11 (B9.11)		HPCI

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TABLE 3.5

PILGRIM NUCLEAR POWER STATION
ALL RISK-INFORMED COMPONENTS INCLUDED IN THE PNPS ISI PROGRAM

COMPONENTS IN THE MS SYSTEM

COMPONENT	DESCRIPTION	ISOMETRIC	MATERIAL	ISI CLASS	RISK-INFORMED (CODE) CATEGORY	RISK-INFORMED (CODE) ITEM	RELIEF REQUEST	SYSTEM
1-A-16T	VALVE TO PIPE	ISI-I-1-1SH2	CS	1	R-A (B-J)	R1.10 (B9.32)		MS
1-SD-10R	PIPE TO VALVE	ISI-I-1-1SH2	CS	1	R-A (B-J)	R1.11 (B9.21)		MS
1-SD-8R	VALVE TO PIPE	ISI-I-1-1SH2	CS	1	R-A (B-J)	R1.11 (B9.21)		MS
1-A-11	*(1)* PIPE TO ELBOW	ISI-I-1-1SH1	CS	1	R-A (B-J)	R1.18 (B9.11)		MS
1-A-12	*(1)* ELBOW TO PIPE	ISI-I-1-1SH1	CS	1	R-A (B-J)	R1.18 (B9.11)		MS
1-A-15	FLUED HEAD TO PIPE	ISI-I-1-1SH2	CS	1	R-A (B-J)	R1.18 (B9.11)		MS
1-A-7	ELBOW TO ELBOW	ISI-I-1-1SH1	CS	1	R-A (B-J)	R1.18 (B9.11)		MS
1-A-8	ELBOW TO PIPE	ISI-I-1-1SH1	CS	1	R-A (B-J)	R1.18 (B9.11)		MS
1-B-15	FLUED HEAD TO PIPE	ISI-I-1-1SH2	CS	1	R-A (B-J)	R1.18 (B9.11)		MS
1-C-15	FLUED HEAD TO PIPE	ISI-I-1-1SH2	CS	1	R-A (B-J)	R1.18 (B9.11)		MS
1-D-15	FLUED HEAD TO PIPE	ISI-I-1-1SH2	CS	1	R-A (B-J)	R1.18 (B9.11)		MS

TABLE 3.5

PILGRIM NUCLEAR POWER STATION
ALL RISK-INFORMED COMPONENTS INCLUDED IN THE PNPS ISI PROGRAM

COMPONENTS IN THE RCIC SYSTEM

COMPONENT	DESCRIPTION	ISOMETRIC	MATERIAL	ISI CLASS	RISK-INFORMED (CODE) CATEGORY	RISK-INFORMED (CODE) ITEM	RELIEF REQUEST	SYSTEM
13-I-16	VALVE TO PIPE	ISI-I-13-1	CS	1	R-A (B-J)	R1.10 (B9.11)		RCIC
13-O-18	PIPE TO PIPE	ISI-I-13-1	CS	1	R-A (B-J)	R1.10 (B9.21)		RCIC
13-O-19	PIPE TO VALVE	ISI-I-13-1	CS	1	R-A (B-J)	R1.10 (B9.21)		RCIC

TABLE 3.5

PILGRIM NUCLEAR POWER STATION
ALL RISK-INFORMED COMPONENTS INCLUDED IN THE PNPS ISI PROGRAM

COMPONENTS IN THE RECIRC SYSTEM

COMPONENT	DESCRIPTION	ISOMETRIC	MATERIAL	ISI CLASS	RISK-INFORMED (CODE) CATEGORY	RISK-INFORMED (CODE) ITEM	RELIEF REQUEST	SYSTEM
2R-HA-1	HEADER TO BEND	ISI-I-2R-A	SS	1	R-A (B-J)	R1.10 (B9.11)		RECIRC
2R-HA-4	HEADER TO BEND	ISI-I-2R-A	SS	1	R-A (B-J)	R1.10 (B9.11)		RECIRC
2R-HB-1	HEADER TO BEND	ISI-I-2R-B	SS	1	R-A (B-J)	R1.10 (B9.11)		RECIRC
2R-HB-4	HEADER TO BEND	ISI-I-2R-B	SS	1	R-A (B-J)	R1.10 (B9.11)		RECIRC
2R-N2A-2	PIPE TO SAFE END	ISI-I-2R-A	SS	1	R-A (B-J)	R1.10 (B9.11)		RECIRC
2R-N2B-2	PIPE TO SAFE END	ISI-I-2R-A	SS	1	R-A (B-J)	R1.10 (B9.11)		RECIRC
2R-N2K-2	PIPE TO SAFE END	ISI-I-2R-B	SS	1	R-A (B-J)	R1.10 (B9.11)		RECIRC

TABLE 3.5

PILGRIM NUCLEAR POWER STATION
ALL RISK-INFORMED COMPONENTS INCLUDED IN THE PNPS ISI PROGRAM

COMPONENTS IN THE RHR SYSTEM

COMPONENT	DESCRIPTION	ISOMETRIC	MATERIAL	ISI CLASS	RISK-INFORMED (CODE) CATEGORY	RISK-INFORMED (CODE) ITEM	RELIEF REQUEST	SYSTEM
10-O-24	PIPE TO PIPE	ISI-I-10-1A	CS	1	R-A (B-J)	R1.10 (B9.11)		RHR
10-O-25	PIPE TO PIPE	ISI-I-10-1A	CS	1	R-A (B-J)	R1.10 (B9.11)		RHR
10R-IB-14	PIPE TO FLUED HEAD	ISI-I-10-1	SS	1	R-A (B-J)	R1.10 (B9.11)		RHR
10R-IA-3	PIPE TO ELBOW	ISI-I-10-1	SS	1	R-A (B-J)	R1.11 (B9.11)		RHR
10R-IA-4	ELBOW TO PIPE	ISI-I-10-1	SS	1	R-A (B-J)	R1.11 (B9.11)		RHR
10R-IA-6	PIPE TO VALVE	ISI-I-10-1	SS	1	R-A (B-J)	R1.11 (B9.11)		RHR
10R-IA-7	VALVE TO PIPE	ISI-I-10-1	SS	1	R-A (B-J)	R1.11 (B9.11)		RHR

TABLE 3.5

PILGRIM NUCLEAR POWER STATION
ALL RISK-INFORMED COMPONENTS INCLUDED IN THE PNPS ISI PROGRAM

COMPONENTS IN THE RPV SYSTEM

COMPONENT	DESCRIPTION	ISOMETRIC	MATERIAL	ISI CLASS	RISK-INFORMED (CODE) CATEGORY	RISK-INFORMED (CODE) ITEM	RELIEF REQUEST	SYSTEM
RPV-N16B-R-2	SAFE END TO REDUCER	ISI-I-54-4	IN/SS	1	R-A (B-F)	R1.10 (B5.14)		RPV
6-N4A-1	SAFE END TO NOZZLE	ISI-I-6-1	CS	1	R-A (B-F)	R1.11 (B5.10)		RPV
6-N4B-1	SAFE END TO NOZZLE	ISI-I-6-1	CS	1	R-A (B-F)	R1.11 (B5.10)		RPV
6-N4C-1	SAFE END TO NOZZLE	ISI-I-6-1	CS	1	R-A (B-F)	R1.11 (B5.10)		RPV
6-N4D-1	SAFE END TO NOZZLE	ISI-I-6-1	CS	1	R-A (B-F)	R1.11 (B5.10)		RPV
14-B-1	SAFE END TO NOZZLE	ISI-I-14-1	SS/CS	1	R-A (B-F)	R1.14 (B5.10)		RPV
2R-N2A-1	*(2)* SAFE END TO NOZZLE	ISI-I-2R-A	SS/CS	1	R-A (B-F)	R1.16 (B5.10)		RPV
2R-N2B-1	*(2)* SAFE END TO NOZZLE	ISI-I-2R-A	SS/CS	1	R-A (B-F)	R1.16 (B5.10)		RPV
1-D-1	NOZZLE TO SAFE END	ISI-I-1-1SH1	CS	1	R-A (B-F)	R1.18 (B5.10)		RPV

TABLE 3.5

PILGRIM NUCLEAR POWER STATION
ALL RISK-INFORMED COMPONENTS INCLUDED IN THE PNPS ISI PROGRAM

COMPONENTS IN THE RWCU SYSTEM

COMPONENT	DESCRIPTION	ISOMETRIC	MATERIAL	ISI CLASS	RISK-INFORMED (CODE) CATEGORY	RISK-INFORMED (CODE) ITEM	RELIEF REQUEST	SYSTEM
12-O-28R	PIPE TO ELBOW	ISI-I-12-1SH1	SS	1	R-A (B-J)	R1.10 (B9.11)		RWCU
12-O-29R	ELBOW TO PIPE	ISI-I-12-1SH1	SS	1	R-A (B-J)	R1.10 (B9.11)		RWCU
12-O-30R	PIPE TO ELBOW	ISI-I-12-1SH1	SS	1	R-A (B-J)	R1.10 (B9.11)		RWCU
12-O-31A	PIPE TO PIPE	ISI-I-12-1SH1	SS	1	R-A (B-J)	R1.10 (B9.11)		RWCU
12-O-31R	ELBOW TO PIPE	ISI-I-12-1SH1	SS	1	R-A (B-J)	R1.10 (B9.11)		RWCU
12R-O-7	ELBOW TO PIPE	ISI-I-12-1SH1	SS	1	R-A (B-J)	R1.10 (B9.11)		RWCU
12-O-24	*(2)* PENETRATION TO PIPE	ISI-I-12-1SH1	SS	1	R-A (B-J)	R1.16 (B9.11)		RWCU
12-I-4	*(1)* TEE TO PIPE	ISI-I-12-2	CS	1	R-A (B-J)	R1.18 (B9.11)		RWCU
12-I-5	*(1)* PIPE TO TEE	ISI-I-12-2	CS	1	R-A (B-J)	R1.18 (B9.11)		RWCU

TABLE 3.5

PILGRIM NUCLEAR POWER STATION
ALL RISK-INFORMED COMPONENTS INCLUDED IN THE PNPS ISI PROGRAM

COMPONENTS IN THE SBLC SYSTEM

COMPONENT	DESCRIPTION	ISOMETRIC	MATERIAL	ISI CLASS	RISK-INFORMED (CODE) CATEGORY	RISK-INFORMED (CODE) ITEM	RELIEF REQUEST	SYSTEM
B-11-75	PIPE TO PIPE	ISI-I-11-1	SS	1	R-A (B-J)	R1.10 (B9.40)		SBLC
B-11-78	PIPE TO ELBOW	ISI-I-11-1	SS	1	R-A (B-J)	R1.10 (B9.40)		SBLC
B-11-79	ELBOW TO PIPE	ISI-I-11-1	SS	1	R-A (B-J)	R1.10 (B9.40)		SBLC

Legend

(1) FAC PROGRAM EXAM CREDITED
(2) IGSCC PROGRAM EXAM CREDITED

SECTION 4.0
ALTERNATIVE REQUIREMENTS TO ASME SECTION XI, 1989 EDITION

This section lists the alternative requirements to ASME Section XI, 1989 Edition, being adopted for the Third Interval Inservice Inspection Program at the Pilgrim Station. The alternative requirements presented are in accordance with ASME Section XI and 10 CFR 50.55a, as applicable.

4.1 Adoption of Code Cases

This Section addresses the adoption of Code Cases during the Third Inservice Inspection Interval at the Pilgrim Station. Code Cases adopted for Inservice Inspection use during the Third Interval will be listed in Tables 4.1 and 4.2 of this Inservice Inspection Plan. Code Cases for Repair/Replacement activities are not addressed in this Inservice Inspection Plan. In all cases, the use and adoption of Code Cases will be in accordance with ASME Section XI, IWA-2440 and 10 CFR 50.55a. The methodology for adopting Code Cases is divided into the four categories clarified below.

4.1.1 Adoption of Code Cases Listed for Generic Use in Regulatory Guide 1.147 or the Code of Federal Regulations

Code Cases that are listed for generic use in Regulatory Guide 1.147, Revision 11 and later, or the Code of Federal Regulations 10CFR50.55a, will be adopted for use during the Third Inservice Inspection Interval by listing them in Table 4.1 of this Inservice Inspection Plan. All conditions or limitations delineated in Regulatory Guide 1.147 or the Code of Federal Regulations for a particular Code Case will apply.

TABLE 4.1
LIST OF ADOPTED CODE CASES

CODE CASE NUMBER	TITLE	REG. GUIDE 1.147 REVISION	DATE ADOPTED
N-491	Alternative Rules for Examination of Class 1, 2, 3 and MC Component Supports of Light Water Cooled Power Plants	11	7/1/95
N-513	Evaluation Criteria for Temporary Acceptance of Flaws in Moderate Energy Class 2 or 3 Piping	N/A (Listed in 10CFR50.55a)	12/27/01
N-522	Pressure Testing of Containment Penetration Piping	12	6/27/00
N-523-1	Mechanical Clamping Devices for Class 2 and 3 Piping	N/A (Listed in 10CFR50.55a)	12/27/01

4.1.2 Adoption of Code Cases Not Listed for Generic Use in Regulatory Guide 1.147

Adoption of Code Cases that have been approved by the Board of Nuclear Codes and Standards, but that have not been listed for generic use in Regulatory Guide 1.147, may be submitted in the form of a Relief Request in accordance with 10 CFR 50.55a(a)(3). Once approved, these Relief Requests will be available for use at the Pilgrim Station until such time that the Code Cases are adopted into Regulatory Guide 1.147, at which time PNPS will comply with any additional limitations stated therein.

Table 4.2 lists those Code Cases which have been approved for use at the Pilgrim Station. Relief Requests for Code Cases N-416-1 and N-498-1 were approved by the NRC in a letter entitled, "Request to use ASME Boiler and Pressure Vessel Code Cases N-416-1 and N-498-1 at Pilgrim Nuclear Power Station (TAC No. M91513)", dated March 10, 1995. As stipulated in this letter, for the application of Code Case N-416-1 criteria, PNPS will perform additional surface examinations on the root pass of butt and socket welds on the pressure retaining boundary of Class 3 components when the surface examination method is used in accordance with ASME Section III.

On May 2, 2001, the NRC issued an SER approving the implementation of a risk-informed application on Class 1 piping welds at PNPS. The methodology used in the RI-ISI application was in accordance with EPRI Topical Report No. TR-112657. However, this methodology is also considered to be consistent with the criteria presented in ASME Code Case N-578. As such, Code Case N-578 has been included in Table 4.2 for reference purposes.

TABLE 4.2
CODE CASES APPROVED THROUGH RELIEF REQUESTS

CODE CASE NUMBER	TITLE	DATE APPROVED
N-416-1	Alternative Pressure Test Requirement for Welded Repairs or Installation of Replacement Items by Welding	3/10/95
N-498-1	Alternative Rules for 10-Year System Hydrostatic Testing for Class 1, 2 and 3 Systems	3/10/95
N-578	Risk-Informed Requirements for Class 1, 2, and 3 Piping, Method B	5/2/01

4.3 Inservice Inspection Relief Request Index

This section provides a summary listing and revision status of all Relief Requests related to inservice inspections at the Pilgrim Station.

TABLE 4.3
INSERVICE INSPECTION
RELIEF REQUEST INDEX

Relief Request	Page(s)	Rev.	Date	Topic
PRR-1	4-7 to 4-10	N/A	10/29/01	Withdrawn during the Third Interval
PRR-2	4-11	N/A	7/1/95	Withdrawn for the Third Interval
PRR-3	4-12	N/A	7/1/95	Withdrawn for the Third Interval
PRR-4	4-13	N/A	N/A	Withdrawn during the Second Interval
PRR-5	4-14	N/A	N/A	Withdrawn during the Second Interval
PRR-6	4-15	N/A	N/A	Withdrawn during the Second Interval
PRR-7	4-16 to 4-18	N/A	4/15/98	Withdrawn during the Third Interval
PRR-8	4-19	N/A	7/1/95	Withdrawn for the Third Interval
PRR-9	4-20 to 4-21	2	7/1/95	Examination of Reactor Vessel Nozzles
PRR-10	4-22	N/A	7/1/95	Withdrawn for the Third Interval
PRR-11	4-23 to 4-24	2	4/15/98	Alternate Provisions for the Pressure Testing of Salt Service Water Pumps
PRR-12	4-25	N/A	N/A	Withdrawn during the Second Interval
PRR-13 (Not Approved)	4-26 to 4-28	1	7/1/95	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-14	4-29	N/A	N/A	Withdrawn during the Second Interval
PRR-15	4-30	N/A	7/1/95	Withdrawn for the Third Interval
PRR-16	4-31	N/A	7/1/95	Withdrawn for the Third Interval
PRR-17	4-32 to 4-34	1	7/1/95	Alternate Examinations for Inaccessible Welds
PRR-18	4-35 to 4-37	N/A	4/15/98	Withdrawn during the Third Interval
PRR-19	4-38	N/A	7/1/95	Withdrawn for the Third Interval
PRR-20	4-39	N/A	7/1/95	Withdrawn for the Third Interval
PRR-21	4-40 to 4-41	1	7/1/95	Alternate Criteria for Class 1 Pressure Tests
PRR-22	4-42 to 4-43	N/A	4/15/98	Withdrawn during the Third Interval
PRR-23	4-44 to 4-45	0	7/1/95	Alternate Examination Requirements for Longitudinal Welds in Class 1 Piping
PRR-24	4-46 to 4-47	1	4/15/98	Exemption from Appendix VII Ultrasonic Examination Personnel Qualification Requirements
PRR-25	4-48 to 4-54	0	3/27/01	Appendix VIII Relief (limited)

4.4 Inservice Inspection Relief Requests

4.4.1 This section contains Relief Requests written in accordance with 10 CFR 50.55a(g)(5) when specific ASME Section XI requirements for inservice inspection are considered impractical. The enclosed Relief Requests are subject to change throughout the inspection interval. If examination requirements are determined to be impractical during the course of the interval, additional or modified relief requests shall be submitted in accordance with 10 CFR 50.55a(g)(5).

4.4.2 Exceptions to Code required examinations may also be authorized by NRR, as allowed by 10 CFR 50.55a (a)(3), provided that design, fabrication, installation, testing and inspection performed in compliance with Codes and Section XI requirements would result in hardship without a compensating increase in the level of quality and safety, or provided that the proposed alternative examination will assure an acceptable level of quality and safety. Specific exceptions may also be documented in the form of Relief Requests and included in this Section, as applicable.

4.4.3 On December 27, 2000, PNPS submitted a request to implement a risk-informed application on Class 1 piping welds. This request, which was submitted in the form of a RI-ISI template, provided alternative examination requirements that meet the criteria of 10CFR50.55a(a)(3)(i). The NRC approved the RI-ISI submittal template in an SER dated May 2, 2001. Although the RI-ISI template is technically a request for alternative which could be included in the Third Ten-Year Interval Inservice Inspection Plan, its complexity dictates that it remain a stand alone document. As such, it is referenced where applicable in this Inservice Inspection Plan, but it will remain an independent document.

RELIEF REQUEST NUMBER: PRR-1

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WITHDRAWN

RELIEF REQUEST NUMBER: PRR-1

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WITHDRAWN

RELIEF REQUEST NUMBER: PRR-1

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WITHDRAWN

RELIEF REQUEST NUMBER: PRR-1

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WITHDRAWN

RELIEF REQUEST NUMBER: PRR-25
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SYSTEM/COMPONENT(S) FOR WHICH RELIEF IS REQUESTED

All components subject to ultrasonic examination with Appendix VIII to the 1995 Edition with 1996 Addenda of ASME Section XI.

CODE REQUIREMENTS

10CFR 50.55a(g)(6)(ii)(C) requires implementation of the ASME Code, Section XI, 1995 Edition, 1996 Addenda, with an expedited implementation for Appendix VIII ultrasonic examinations. The Supplements to Appendix VIII of Section XI, Division 1, 1995 Edition with the 1996 Addenda of the ASME Boiler and Pressure Vessel Code must be implemented in accordance with the following schedule: Supplements 1, 2, 3, and 8—May 22, 2000; Supplements 4 and 6—November 22, 2000; Supplement 11—November 22, 2001; and Supplements 5, 7, 10, 12, and 13—November 22, 2002. Related Subarticle IWA-2300, of the 1995 Edition, 1996 Addenda of ASME Section XI requires qualification of examiners to CP-189 as amended by Division 1.

The 1989 Edition of ASME Section XI, Subarticle IWA-2300, defines the qualification requirements for NDE personnel as ASNT SNT-TC-1A, 1984, and the additional requirements of Division 1, including Appendix I.

RELIEF REQUESTED

Pursuant to 10 CFR 50.55a(a)(3)(i), relief is requested to continue basing all requirements for initial certification and recertification of ultrasonic examination personnel on the 1989 Edition of Section XI. This includes use of ASNT SNT-TC-1A, 1984, as amended by IWA-2300 and Appendix VII of Section XI, 1989 Edition. These examinations will be performed during the Third inspection interval.

BASIS FOR RELIEF

The 1989 Edition of ASME Section XI, Subarticle IWA-2300, requires qualification of NDE personnel using a written practice prepared in accordance with ASNT SNT-TC-1A, 1984, and the additional requirements of Division 1, including Appendix I.

10 CFR 50.55a was amended in the Federal Register (64 FR 51370) to require the 1995 Edition, with the 1996 Addenda of Section XI, with an expedited implementation schedule for Appendix VIII qualification requirements. This imposed the requirements of Appendix VII of the 1995 Edition, with 1996 Addenda of Section XI. This includes Subarticle IWA-2300, which requires a written practice prepared in accordance with CP-189, 1991, as amended by the requirements of Division 1. Current certifications are not affected, paragraph IWA-2310 in the 1995 Edition with 1996 Addenda states that certifications based on SNT-TC-1A are valid until recertification is required.

This requires development, implementation, and to the extent possible consolidation of a multifaceted written practice, specific to Ultrasonic examination personnel, to address the various requirements contained in SNT-TC-1A and CP-189, as amended by different Editions and Addenda of Section XI, including IWA-2300 and Appendix VII. The requirements are phased in with an implementation date for certification and recertification requirements of May, 22, 2000 for personnel examining piping and bolting, Nov. 22, 2000 for personnel examining RPV welds and clad/basemetal interface, Nov. 22, 2001 for weld overlays, and Nov. 22, 2002 for nozzle and dissimilar metal welds.

RELIEF REQUEST NUMBER: PRR-25
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Regardless of whether CP-189 or ASNT SNT-TC-1A is the base document used to prepare the written practice, all personnel conducting examinations to Appendix VIII requirements must be qualified in accordance with Appendix VIII and all personnel qualified through the PDI program must be qualified in accordance with Appendix VII. Additionally, for other than Appendix VIII ultrasonic examinations, all NDE examiners, will continue to be certified in accordance with a written practice developed in accordance with ASNT SNT-TC-1A for the duration of this interval. Prior relief for IWE Ultrasonic Examinations was granted by NRC Letter from J.W. Clifford to T.A. Sullivan dated 9/16/99, "*Evaluation of Requests for Relief from ASME Section XI Requirements for Containment Inspection for Pilgrim Nuclear Power Station* " (TAC NO. MA4285)

A direct comparison of the implementation requirements for Appendix VIII examinations using the 1984 Edition of SNT-TC-1A as modified by IWA-2300 and Appendix VII of the 1989 Edition of Section XI with the 1991 Edition of CP-189 as modified by IWA-2300 and Appendix VII of the 1995 Edition and 1996 Addenda of Section XI is complex and unwieldy. Therefore, three less complex comparisons of technically significant items are attached. Qualifications of ultrasonic examination personnel to SNT-TC-1A and the additional requirements of the 1989 Edition of Section XI, including Appendix VII are considered equivalent to Qualification to CP-189 as amended by the 95/96 Edition of Section XI.

In lieu of maintaining redundant, possible conflicting programs, the proposed alternative of maintaining the current program for qualifications of UT personnel will simplify record keeping, satisfy the need to maintain personnel qualifications, eliminate redundant systems, and provide an acceptable level of quality and safety commensurate with the other NDE disciplines.

ALTERNATE EXAMINATIONS

Initial certification and recertification of NDE personnel shall continue to be conducted in accordance with the requirements contained in the 1989 Edition of ASME Section XI. Personnel performing ultrasonic examinations, including Level III personnel, shall also meet the requirements specified in 10CFR50.55a as amended by 64 FR 51370 which sets forth the requirements for the qualification of personnel by demonstration. The combination of a written practice based on SNT-TC-1A and a performance based demonstration for personnel performing ultrasonic examination of welds or components will continue to ensure the structural integrity of the systems/components.

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COMPARISON SUMMARY

1. The first compares IWA-2300 from the 1995 Edition with the 1996 Addenda to the 1989 Edition the major difference is the specification of CP-189 as opposed to SNT-TC-1A:

   While CP-189 is a "standard" while SNT-TC-1A is a "recommended practice," this has no technical impact on the implementation of SNT-TC-1A. The "recommended practices" defined by the use of the word "should" in SNT-TC-1A are treated as requirements by the licensee.

2. The second compares Appendix VII to the 95/96 Addenda to the 1989 Edition. There is little technical difference between the 1989 and 95/96 Editions. Both modify CP-189 and SNT-TC-1A as required to comply with Section XI, for example:

SNT-TC-1A contains simultaneous experience provisions that are not allowed by Appendix VII.

3. The last compares the 1991 Edition of CP-189 with the 1984 Edition of SNT-TC-1A as modified by Appendix VII, the major differences are mitigated by additional requirements contained in Section XI, for example:

CP-189 requires a "written practical," (procedure preparation), and a "demonstration practical" for Level III personnel performing test or evaluating test results. This has no impact on Appendix VIII personnel, though not required by SNT-TC-1A, Appendix VIII requires a "practical" examination for a qualified examiner regardless of Level.

CP-189 defines several additional terms such as Closed book examination, Documented Education, Evaluation, Examination, Experience, General examination, Indication, Interpretation, Method, NDT Instructor, Practical examination, Procedure, and Test technique. These definitions are consistent with common usage as applied to SNT-TC-1A and Section XI. Where deemed necessary, ASME Section XI has provided compensation. For example the term "Outside Agency" is included in the 95/96 Edition to compensate because it is included in SNT-TC-1A but not in CP-189, conversely the 1989 Edition of ASME XI defines an NDE instructor that is not included in SNT-TC-1A.

There are major differences between CP-189 and SNT-TC-1A. However, as illustrated in the comparisons, these are minimized by the moderating effects of the applicable IWA-2300 requirements and especially Appendix VII requirements. Qualifications of ultrasonic examination personnel to SNT-TC-1A and the additional requirements of the 1989 Edition of Section XI, including Appendix VII are considered equivalent to Qualification to CP-189 as amended by the 95/96 Edition of Section XI.

RELIEF REQUEST NUMBER: PRR-25
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COMPARISON OF THE QUALIFICATION AND CERTIFICATION REQUIREMENTS OF ULTRASONIC EXAMINERS CERTIFIED TO CP-189, 1991, AND SNT-TC-1A, 1984, AS MODIFIED BY IWA AND APPENDIX VII OF 1989 AND 95/96 EDITION OF SECTION XI RESPECTIVELY

The following is a summary of pertinent technical aspects of the implementation requirements contained in Subparagraph IWA-2300 to the two Editions of ASME Section XI identified below.

The comparison is complicated because some of the requirements may be modified or omitted, simply because they are defined in another location or by another document. Several requirements, such as those for limited certification, differ somewhat, but the differences are not considered technically relevant and they are not detailed in this technical comparison. These complications are representative of the increased burden when administering more than one program or a program based on varying requirements.

1995 Edition with 1996 Add. of Section XI	1989 Edition of Section XI
IWA-2310 – Written practice is prepared using ANSI/ASNT "Standard" CP-189, 1991 Edition. Certifications based on SNT-TC-1A remain valid until recertification.	IWA-2310 – Written practice is prepared using ASNT "Recommended Practice" SNT-TC-1A, 1984 Edition. Certifications based on earlier editions remain valid until recertification.
IWA-2311 – The written practice shall specify the duties and responsibilities of the Principle Level III.	IWA-2311 – NDE methods listed in SNT-TC-1A – Similar to 95/96 IWA 2312
IWA-2312 – NDE methods listed in CP-1989 – Similar to 1989 IWA-2311	IWA-2312 – NDE methods not listed in SNT-TC-1A – Similar to 1989 IWA-2313
IWA-2313 – NDE methods not listed in CP-189 – Similar to 1989 IWA-2312	IWA-2313 – Level I and II recertified every 3 years, Level III every 5 years by examination per SNT-TC-1A.
IWA-2314 – Level I and II recertified every 3 years, Level III every 5 years by examination per CP-189. ASNT Level III not required.	
IWA-2321 – Snellen 20/25 using lower case letters with a known pre-measured height (see IWA-2322). Per Administered in accordance with a procedure, and by personnel, approved by an NDE Level III designated by the employer.	IWA-2321 – Jaeger number 1 or equivalent, conducted by personnel qualified to conduct the examinations.
IWA-2322 – Requires use of 10x magnifier to measure height of letters.	IWA-2322 – Level III qualifications determined by Basic, Method, and Specific examinations per SNT-TC-1A. (Demonstration examination would be required by Section XI, Appendix VIII)
IWA-2323 – Level III qualifications evaluated by Basic, Method, Specific, and Practical examinations and the Demonstration exami-nation Level II Practical)	IWA-2323 – Level I and II qualifications determined by General and Specific exam-inations, and a Practical hands-on exami-nation administered by a Level III.

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1995 Edition with 1996 Add. Of Section XI	1989 Edition of Section XI
CP-189 General, Specific and Practical examinations administered and graded by a Level III.	
95/96 Appendix VII is similar to 1989 Appendix VII (See detailed comparison following).	IWA-2324 – Defines requirements for administration of examinations. This is Modified by Appendix VII.
IWA-2330 – Level I responsibilities. Identical to 1989 IWA-2330	IWA-2330 – Level I responsibilities. Identical to 95/96 IWA-2330
IWA-2340 – Level III education. Similar to 1989 IWA-2340	IWA-2340 – Level III education. Similar to 95/96 IWA-2340
IWA-2350 – Defines limited certification. Provides more definition than 1989.	IWA-2350 – Defines limited certification requirements
IWA-2360 – Allows certification directly to Level II. Defines additional Level III responsibilities.	Appendix VII allows certification directly to Level II. Defines similar Level III responsibilities.
IWA-2370 – Contains experience requirements for Level II candidates.	1989 Appendix VII contains requirements that are more stringent.

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COMPARISON OF THE QUALIFICATION AND CERTIFICATION REQUIREMENTS OF ULTRASONIC EXAMINERS CERTIFIED TO APPENDIX VII OF 95/96 AND 1989 EDITION OF SECTION XI RESPECTIVELY

The following is a summary of pertinent technical aspects of the implementation requirements contained in Subparagaph IWA-2300 to the two Editions of ASME Section XI identified below.

The comparison is again complicated because some of the requirements may be modified or omitted, simply because they are defined in another location or by another document. These complications are again representative of the increased burden when administering more than one program or a program based on varying requirements.

95/96 APPENDIX VII	1989 APPENDIX VII
VII-1000 – Scope – Modifies the requirements of IWA-2300 for Ultrasonic examiners.	VII-1000 – identical to 95/96 Code
VII-2000 – Qualification Levels – Identifies 5 qualification Levels as defined in CP-189.	VII-2000 – essentially the same. Defines NDE Instructor qualification since it is not included in SNT-TC-1A.
VII-3000 – Written Practice – Defines the written practice, including the definition of an "outside agency," since it is not defined in CP-189.	VII-3000 Identical to 95/96 Code except "outside agency" is not defined, since it is included in SNT-TC-1A.
VIII-4000 – Qualification Requirements	
CP-189 contains no simultaneous experience provisions.	Table VII-4110-1 states the simultaneous experience provision of SNT-TC-1A is not applicable.
Paragraph VII-4223 requires previously qualified individuals to meet the requirements for training.	Both Appendices in paragraph VII-4300 state that to be considered for examination the Level I, II, and III candidates shall have successfully completed the training required in VII-4200.
Paragraph VII-4240 states that no exam is required for annual retraining.	
Paragraph VII-4310 (a) states that a random selection process must be controlled by the written practice so no individual takes the same examination more than once.	
Paragraph VII-4310 (b) allows the use of "grading units" to produce a specimen bank for the practical examination.	
Paragraph VII-4330 (a) Level III examinations per IWA-2300, Basic, Method, Specific, Practical, Demonstration, contains rules for Level II practical examination, An Appendix VIII practical is acceptable.	While the 1989 Appendix VII contains no requirements for a practical examination, it would be required for the mandatory Appendix VIII.
Paragraph VII-4330 (b) allows recertification of Level III personnel using only the Method and Specific examinations.	IWA-2313 requires recertification using Basic, Method, and Specific written examinations.
VII-5000 QUALIFICATION RECORDS	Essentially the same
Not addressed	VII-6000-Defines duties of the ANII
VII SUPPLEMENTS	Essentially the same

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COMPARISON OF THE QUALIFICATION AND CERTIFICATION REQUIREMENTS OF ULTRASONIC EXAMINERS CERTIFIED TO CP-189, 1991 and SNT-TC-1A AS MODIFIED BY APPENDIX VII, 1989 EDITION

Comparisons are not detailed in those areas where CP-189 is modified by the requirements of Appendix VII. Please note that the word "should" typically identifies what is considered a requirement in SNT-TC-1A, while CP-189 typically uses the word "shall". Industry practice is to treat SNT-TC-1A recommendations as requirements. Several paragraphs are identified as similar. For example, while SNT-TC-1A does not specifically require suspension of an examiner's certification for a lapsed vision examination, as does CP-189, it is industry practice to do so.

CP-189	SNT-TC-1A
1.0 – Scope – CP-189 is a standard that establishes the minimum requirements.	1.0 – Scope – SNT-TC-1A is a recommended practice establishing guidelines.
2.0 – Definitions – More inclusive (19 terms) and more concise. Some Modified by Appendix VII.	2.0 – Definitions – Less inclusive (7 terms)
3.0 – Levels Of Qualification	
3.1 – Classification	Modified by Appendix VII
3.2 – Level III	4.3 (3) – similar to CP-189
3.3 – Level II	4.3 (2) – Similar to CP-189
3.4 – Level I	Modified by Appendix VII
3.5 – Trainee	4.2 – Similar to CP-189
3.6 – NDE Instructor	Modified by Appendix VII
4.0 Qualification Requirements	
4.1 – Training	Modified by Appendix VII
4.2 – Experience	Modified by Appendix VII
4.3 – Previous Training and Experience	Modified by Appendix VII
4.4 – NDT Instructor	Modified by Appendix VII
4.5 – Outside services	Modified by Appendix VII
5.0 – Qualification and Certification	
5.1 – Procedure	Modified by Appendix VII
5.2 – Procedure requirements	Modified by Appendix VII
5.3 – Approval – "written practice" approved by Level III	Modified by Appendix VII – Requires that "written practice" specify responsibilities.
6.0 Examinations	
6.1 – Vision	Modifications by IWA-2300
6.2 – Level III Examination	Modified by Appendix VII
6.3 – Level I and II Examination	Modified by Appendix VII
6.4 – Administration and grading	Modified by Appendix VII
6.5 – Reexamination	Modified by Appendix VII
6.6 – Administration of Examinations – prohibits one's self or one's subordinate from preparing or administering an examination.	Not specifically addressed
7.0 Expiration, Suspension, Revocation, and Reinstatement of Employer Certification	
7.1 – Expiration	Similar to CP-189
7.2 – Suspension	Similar to CP-189
7.3 – Revocation	Similar to CP-189
7.4 – Reinstatement	Similar to CP-189
8.0 Employer Recertification	
8.1 – NDT Level I and II	Modified by Appendix VII
8.2 – NDT Level III	Modified by Appendix VII
9.0 Records	
9.1 – Responsibility for Documentation	Modified by Appendix VII
9.2 – Contents of Certification Record	Modified by Appendix VII

NRC CORRESPONDENCE

1. BECo Letter 95-091, dated 9/1/95. E.T. Boulette to NRC, "Third Ten-Year Inservice Inspection Plan PNPS (ISI)".

2. NRC Letter 95-189, dated 12/6/95. R.B. Eaton to E.T. Boulette, "Request for Additional Information on the Pilgrim Nuclear Power Station Third Ten-Year Interval Inservice Inspection Program Plan and Associated Requests for Relief".

3. BECo Letter 96-009, dated 2/15/96. "Boston Edison Company Response to NRC Request for Additional Information on Pilgrim Third Ten-Year ISI Program (TAC No. M93398)".

4. BECo Letter 96-035, dated 4/16/96. E.T. Boulette to NRC, "Revised Table Related to RPV Nozzle Examination, Pilgrim Plant Relief Request -9, Third Ten-Year ISI Program (TAC No. M93398)".

5. BECo Letter 96-067, dated 7/12/96. E.T. Boulette to NRC, "Revised Pilgrim Relief Request (PRR)-24, Pilgrim Third Ten-Year Inservice Inspection Program".

6. NRC Letter 96.141, dated 9/27/96. Gary S. Vissing to E.T. Boulette, "NRC SER on RHR/FPC Intertie Relief Request".

7. BECo Letter 96-091, dated 10/30/96. E.T. Boulette to NRC, "Pilgrim Station 1996 On-Line and 1997 Refueling Outage 11 Inservice Inspection (ISI) Plan".

8. BECo Letter 96-105, dated 11/20/96. E.T. Boulette to NRC, "Pilgrim Refueling Outage #11, ISI Relief From, (a) ASME Section XI Inspections, and (b) Generic Letter 88-01, IGSCC Inspections".

9. NRC Letter 97-007, dated 2/18/97. P.D. Milano to E.T. Boulette, "Pilgrim Nuclear Power Station - Request Pertaining to Relief from ASME XI Inspections and Generic Letter (GL) 88-01 Intergranular Stress Corrosion Cracking (IGSCC) Inspections".

10. BECo Letter 97-010, dated 2/5/97. E.T. Boulette to NRC, "Withdrawal of Pilgrim Refueling Outage (RFO) #11 ISI Relief Request #1 and #2 (ASME Section XI Inspections) and Revision to RFO #11 ISI Plan Scope".

11. BECo Letter 97-015, dated 2/10/97. E.T. Boulette to NRC, "Withdrawal of Pilgrim Relief Request (PRR)-7, Pilgrim Third Ten-Year Inservice Inspection (ISI) Program".

12. NRC Letter 97-026, dated 3/20/97. P.D. Milano to E.T. Boulette, "Evaluation of the Third Ten-Year Interval Inspection Program Plan, and Associated Requests for Relief for Pilgrim Nuclear Power Station".

13. BECo Letter 97-033, dated 3/18/97. E.T. Boulette to NRC, "Inspection of Core Spray Piping Internals at Pilgrim".

14. BECo Letter 97-038, dated 4/2/97. E.T. Boulette to NRC, "Supplementary Information on Inspection of Core Spray Internals at Pilgrim".

15. NRC Letter 97-041, dated 4/18/97. P.D. Milano to E.T. Boulette, "Assessment of Core Spray System Piping Inspections and Flaw Evaluations at Pilgrim Nuclear Power Station".

16. BECo Letter 97-068, dated 6/25/97. N.L. Desmond to NRC, "Pilgrim Station 1996 On-Line and Refueling Outage 11 Inservice Inspection Report".

17. BECo Letter 97-081, dated 8/8/97. N.L. Desmond to NRC, "Response to Request for Additional Information on Cracking of Core spray Internal Piping".

18. BECo Letter 98.011, dated 1/28/98. N.L. Desmond to NRC, "Revised Reponse to Generic Letter 88-01: NRC Position on IGSCC in BWR Austenitic Stainless Steel Pipe".

19. BECo Letter 98.089, dated 8/20/98. T.A. Sullivan to NRC, "Amendment 98-01 to the Third Ten Year Interval Inspection Plan".

20. BECo Letter 98.151, dated 11/23/98. J.F. Alexander to NRC, "Request for Relief from the 1992 Ediition of ASME Section XI, Subsection IWE Related Containment Inspection Program Pursuant to 10CFR 50.55a(a)(3) and 10CFR 50.55a(g)(5)(iii)".

21. BECo Letter 99.035, dated 3/23/99. J.F. Alexander to NRC, "Pilgrim Station 1999 On-Line and 1999 Refueling Outage 12 Inservice Inspection Plan".

22. NRC Letter 99.075, dated 6/29/99. J.W. Clifford to T.A. Sullivan, "Evaluation of the Third 10-Year Interval Inservice Inspection Request for Relief for Boston Edison Company, Pilgrim Nuclear Power Station".

23. BECo Letter 99.066, dated 6/30/99. J.F. Alexander to NRC, "Deferral of IGSCC Welds to Refuel Outage 13".

24. Entergy Letter 99.097, dated 9/16/99. J.F. Alexander to NRC, "PNPS Online and Refueling Outage 12 Inservice Inspection Report".

25 NRC Letter 99.106, dated 9/16/99. J.W. Clifford to T.A. Sullivan, "Evaluation of Requests for Relief from ASME Section XI Requirements for Containment Inspection for PNPS".

26. PNPS Letter 2.00.079, dated November 15, 2000. J. F. Alexander to NRC, "Pilgrim Relief Request PRR-25".

27. PNPS Letter 2.00.084, dated December 27, 2000. J. Alexander to NRC, "Pilgrim Risk-Informed Inservice Inspection Program".

28. PNPS Letter 2.01.013, dated January 19, 2001. J. Alexander to NRC, "Additional Information Related to Pilgrim Risk-Informed Inservice Inspection Program".

29. PNPS Letter 2.01.034, dated March 8, 2001. J. Alexander to NRC, "Update to the Pilgrim Risk-Informed Inservice Inspection Program".

30. NRC Letter 1.01.017, dated March 22, 2001. J.W. Clifford to PNPS, "SER for PRR-25".

31. PNPS Letter 2.01.044, dated March 27, 2001. J. Alexander to NRC, "Clarification Concerning Pilgrim Risk-Informed Inservice Inspection Program".

32. PNPS Letter 2.01.049, dated April 11, 2001. J. Alexander to NRC, "Implementation of Interim Thermal Fatigue Management Guideline (MRP-24) for Pilgrim Risk-Informed Inservice Inspection Program".

33. NRC Letter 1.01.046 dated May 2, 2001. J.W. Clifford to PNPS, "Pilgrim Nuclear Power Station – Relief Request Regarding Approval of Alternative Risk-Informed Inservice Inspection Program for the Third Inspection Interval (TAC No. MB0841)".