

NRR-PMDAPEm Resource

From: Venkataraman, Booma
Sent: Wednesday, October 19, 2016 4:05 PM
To: Williams, Murray
Cc: Guzman, Richard; Pickett, Douglas
Subject: PILGRIM: Request for Additional Information- Relief Request on Volumetric Exam Requirements, PNPS-ISI-004 & 005 (CAC Nos. MF8095 and MF8096)
Attachments: Pilgrim Nuclear Power Station RAI -MF8095.docx; Pilgrim Nuclear Power Station RAI MF8096.docx
Expires: Sunday, December 18, 2016 12:00 AM

Murray,

By letter dated June 29, 2016 (Agencywide Documents and Access Management System Accession No. ML16188A269), pursuant to 10 CFR 50.55a(g)(6)(i), Entergy Nuclear Operations, Inc. (the licensee), requested relief from the requirements of the American Society of Mechanical Engineers, Boiler and Pressure Vessel Code, Section XI pertaining to volumetric examinations at the Pilgrim Nuclear Power Station (PNPS) on the basis of impracticality. These reliefs are for the Fourth PNPS 10-Year Inservice Inspection Interval which ended June 30, 2015.

This e-mail pertains to the following relief requests:

PNPS-ISI-004 Pressure Retaining Welds in Austenitic Stainless Steel or High Alloy Piping-
Inspection Program B
PNPS-ISI-005 Risk Informed Piping Welds

A draft request for information (RAI) was sent to you for each of the above relief requests on October 17, 2016. You informed me that a clarification call is not required. It was agreed that Entergy will respond to the RAIs with a supplement by November 19, 2016.

Please treat this e-mail as transmittal of formal RAIs. If circumstances result in the need to revise the requested response date, please contact me at (301) 415-2934 or via email at Booma.Venkataraman@nrc.gov

Thanks, Booma

Hearing Identifier: NRR_PMDA
Email Number: 3115

Mail Envelope Properties (Booma.Venkataraman@nrc.gov20161019160500)

Subject: PILGRIM: Request for Additional Information- Relief Request on Volumetric Exam Requirements, PNPS-ISI-004 & 005 (CAC Nos. MF8095 and MF8096)
Sent Date: 10/19/2016 4:05:07 PM
Received Date: 10/19/2016 4:05:00 PM
From: Venkataraman, Booma

Created By: Booma.Venkataraman@nrc.gov

Recipients:
"Guzman, Richard" <Richard.Guzman@nrc.gov>
Tracking Status: None
"Pickett, Douglas" <Douglas.Pickett@nrc.gov>
Tracking Status: None
"Williams, Murray" <mwill13@entergy.com>
Tracking Status: None

Post Office:

Files	Size	Date & Time
MESSAGE	1323	10/19/2016 4:05:00 PM
Pilgrim Nuclear Power Station RAI -MF8095.docx	27746	
Pilgrim Nuclear Power Station RAI MF8096.docx	28279	

Options
Priority: Standard
Return Notification: No
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**REQUEST FOR ADDITIONAL INFORMATION
RELIEF REQUEST ON VOLUMETRIC EXAM REQUIREMENTS, PNPS-ISI- 004
PILGRIM NUCLEAR POWER STATION
ENTERGY NUCLEAR OPERATIONS, INC.
DOCKET NO. 50-293
(CAC NO. MF8095)**

By letter dated June 29, 2016, (Agencywide Documents Access and Management System (ADAMS) Accession No. ML16188A269) Entergy Nuclear Operations, Inc. (the licensee), submitted Relief Request No. PNPS-ISI-004 for relief from the requirements of the American Society of Mechanical Engineers (ASME) Boiler and Pressure Vessel Code, Section XI, "Rules for Inservice Inspection of Nuclear Power Plant Components" for the Pilgrim Nuclear Power Station. The request for relief applies to the fourth 10-year inservice inspection (ISI) interval.

The U.S. Nuclear Regulatory Commission (NRC) staff requests that the licensee provide additional information to support the relief from ASME Code Section XI-required volumetric examination of essentially 100% of the welds.

RAI 1

Please describe the relevant Editions and Addenda of ASME Code Section XI that apply to Appendix VIII and non-Appendix VIII examinations.

RAI 2

Please describe the specific systems associated with welds DC-10-F10R and DC-14-F31.

**REQUEST FOR ADDITIONAL INFORMATION
RELIEF REQUEST ON VOLUMETRIC EXAM REQUIREMENTS, PNPS-ISI- 005
PILGRIM NUCLEAR POWER STATION
ENTERGY NUCLEAR OPERATIONS, INC.
DOCKET NO. 50-293
(CAC NO. MF8096)**

By letter dated June 29, 2016, (Agencywide Documents Access and Management System (ADAMS) Accession No. ML16188A269) Entergy Nuclear Operations, Inc. (the licensee), submitted Relief Request No. PNPS-ISI-005 for relief from the requirements of the American Society of Mechanical Engineers (ASME) Boiler and Pressure Vessel Code, Section XI, "Rules for Inservice Inspection of Nuclear Power Plant Components" for the Pilgrim Nuclear Power Station. The request for relief applies to the fourth 10-year inservice inspection (ISI) interval.

The U.S. Nuclear Regulatory Commission (NRC) staff requests that the licensee provide additional information to support the relief from ASME Code Section XI-required volumetric examination of essentially 100% of the welds.

RAI 1

Please describe the relevant Editions and Addenda of ASME Code Section XI that apply to Appendix VIII and non-Appendix VIII examinations.

RAI 2

Please describe the specific systems associated with welds 2R-HB-3, 12-0-24, 10R-IB-14, and 14R-A-1.

RAI 3

The coverage diagrams supplied for welds 14-A-10A and 14-B-10A do not appear to be consistent with the claimed code coverage of 50 percent. Please describe how the 50 percent code coverage was determined.

RAI 4

Please discuss the operational experience for the other core spray dissimilar metal welds and the results of other dissimilar metal core spray weld inspections.

RAI 5

Please describe any surface examinations performed on welds 14-A-10A and 14-B-10A.