



10 CFR 50.55a

LR-N20-0053  
August 6, 2020

U. S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
Washington, DC 20555-0001

Salem Generating Station Units 1 and 2  
Renewed Facility Operating License Nos. DPR-70 and DPR-75  
NRC Docket Nos. 50-272 and 50-311

Hope Creek Generating Station  
Renewed Facility Operating License No. NPF-57  
NRC Docket No. 50-354

Subject: Request to Use a Provision of a Later Edition of the ASME Boiler and Pressure Vessel Code, Section XI

References: NRC Regulatory Issue Summary 2004-12, "Clarification on Use of Later Editions and Addenda to the ASME OM Code and Section XI," dated July 28, 2004

In accordance with 10 CFR 50.55a, "Codes and standards," paragraph (g)(4)(iv), and the guidance provided in the referenced document, PSEG Nuclear LLC (PSEG) requests NRC approval to use a specific provision of a later edition of the American Society of Mechanical Engineers (ASME) Boiler and Pressure Vessel (B&PV) Code, Section XI, for the units identified above. Specifically, PSEG requests approval to use IWA-4540(b) of the 2017 Edition of the ASME B&PV Code.

PSEG requests approval of this request by September 24, 2020. There are no regulatory commitments in this letter.

If you have any questions concerning this letter, please contact Michael Wiwel at 856-339-7907.

Respectfully,

A handwritten signature in blue ink, appearing to read "Paul R. Duke, Jr.", written over a circular blue ink stamp.

Paul R. Duke, Jr.  
Manager, Nuclear Licensing  
PSEG Nuclear

Attachment: Request to Use a Portion of a Later Edition of the ASME B&PV Code,  
Section XI

cc: Administrator, Region I, NRC  
Mr. J. Kim, Project Manager, NRC  
NRC Senior Resident Inspector, Salem  
NRC Senior Resident Inspector, Hope Creek  
Mr. P. Mulligan, Chief, NJBNE  
PSEG Corporate Commitment Tracking Coordinator  
Salem Commitment Tracking Coordinator  
Hope Creek Commitment Tracking Coordinator

**Attachment**

**Request to Use a Portion of a Later Edition of the  
ASME B&PV Code, Section XI**

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**Proposed Use of Subsequent ASME Code Edition and Addenda  
In Accordance with 10 CFR 50.55a(g)(4)(iv)**

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In accordance with 10 CFR 50.55a, "Codes and standards," paragraph (g)(4)(iv) and the guidance provided in Reference 1, PSEG Nuclear LLC (PSEG) requests NRC approval to use specific provisions of a later edition of the American Society of Mechanical Engineers (ASME) Boiler and Pressure Vessel (B&PV) Code, Section XI, for Salem Generating Station Units 1 and 2 and Hope Creek Generating Station. Specifically, PSEG requests approval to use IWA-4540(b) of the 2017 Edition of the ASME B&PV Code.

1. ASME Code Component(s) Affected:

All Class 1, 2, and 3 items located in the ASME Section XI boundaries.

2. Requested Date for Approval:

Approval requested by September 24, 2020

3. Applicable Code Edition and Addenda:

<u>PLANT</u>	<u>ISI INTERVAL</u>	<u>EDITION</u>	<u>INTERVAL START</u>	<u>INTERVAL SCHEDULED END</u>
Salem Unit 1	4	2004 Edition	05/20/2011	12/31/2020
	5	2013 Edition	01/01/2021	12/31/2030
Salem Unit 2	4	2004 Edition	11/27/2013	12/31/2021
	5	2013 Edition	01/01/2021	12/31/2030
Hope Creek	4	2007 Edition, through 2008 Addenda	12/13/2017	12/31/2026

4. Proposed Subsequent Code Edition and Addenda (or Portion):

All PSEG plants perform Repair/Replacement activities in accordance with a standardized fleet program. This standardized program is based on an Edition of ASME Section XI which, at present, is the 2004 Edition for both Salem Units 1 and 2 and the 2007 Edition through the 2008 Addenda for Hope Creek. Both Salem Units 1 and 2 will be implementing the fifth ISI ten-year intervals in accordance with the 2013 Edition of ASME Section XI. The shifting of the 2013 Edition Interval start and end dates for Salem Unit 2 in the above table is intentional to align Intervals for both Salem units as allowed by the Code.

Pursuant to 10 CFR 50.55a(g)(4)(iv), PSEG requests permission to utilize IWA-4540(b) from the 2017 Edition. This subparagraph outlines items that are exempt from pressure testing after repair/replacement activities.

5. Related Requirements:

10 CFR 50.55a(g)(4)(iv) states:

*“Inservice examination of components and system pressure tests may meet the requirements set forth in subsequent editions and addenda that are incorporated by reference in paragraph (a) of this section, subject to the conditions listed in paragraph (b) of this section, and subject to Commission approval. Portions of editions or addenda may be used, provided that all related requirements of the respective editions or addenda are met.”*

10 CFR 50.55a(b)(2) incorporates by reference Section XI, Division 1, of the ASME B&PV Code 2017 Edition as approved in Reference 3. PSEG is requesting to use IWA-4540(b) of the 2017 Edition of ASME Section XI to utilize the exemptions listed. There are no related requirements or applicable conditions associated with this subparagraph, IWA-4540(b).

6. Duration of Proposed Request:

The duration of this request will continue for the remainder of the fourth Inservice Inspection (ISI) intervals for Salem Unit 1, Salem Unit 2 and Hope Creek and the fifth ISI interval for Salem Units 1 and 2.

7. References:

1. NRC Regulatory Issue Summary 2004-12, “Clarification on Use of Later Editions and Addenda to the ASME OM Code and Section XI,” dated July 28, 2004.
2. U.S. Nuclear Regulatory Commission Memorandum from D. Rudland (Senior Level Advisor, Division of New and Renewed Licenses) to Anna H. Bradford (Director, Division of New and Renewed Licenses), “Summary of the June 25, 2020, Public Meeting with the Nuclear Industry to Discuss Title 10 of the Code of Federal Regulations Section 50.55a(b)(2)(xxvi) Condition on the Pressure Testing of Class 1, 2, and 3 Mechanical Joints,” dated July 8, 2020 (ML20189A286)
3. Federal Register, 85 FR 26540, dated May 4, 2020

8. Precedents

No precedents have been identified.