

DEC 12 2003

LRN-03-0499



United States Nuclear Regulatory Commission  
Document Control Desk  
Washington, DC 20555

**SALEM GENERATING STATION - UNIT 1  
THIRD TEN-YEAR INSERVICE INSPECTION INTERVAL  
RELIEF REQUEST S1-I3-RR-A13  
FACILITY OPERATING LICENSE DPR-70  
DOCKET NOS. 50-272**

Reference: Letter LRN-01-0310, *Salem Generating Station – Unit 1 Third Ten –Year Inservice Inspection Program Submittal*, dated September 25, 2001.

The referenced letter states that the specified Code of record referenced by 10CFR50.55a(b) for Salem Generating Station – Unit 1 is Section XI of the ASME Boiler and Pressure Vessel Code, Division 1, 1995 Edition, 1996 Addenda, except for Subsection IWE and IWL that will comply with the 1998 Edition through 1998 Addenda.

Pursuant to 10CFR50.55a(g)(4)(iv), PSEG Nuclear requests NRC approval of the following request for the third ten-year Inservice Inspection Interval for Salem Generating Station – Unit 1. PSEG proposes to upgrade the Code of record to the ASME Boiler and Pressure Vessel Code, Division 1, Section XI 1998 Edition up through and including 2000 Addenda for the remainder of the third 10-year Inservice Inspection Interval. PSEG has adopted this edition of the Code for the second 10-year Inservice Inspection Interval for Salem Generating Station – Unit 2, which began on November 26, 2003. The details of this request are enclosed in Attachment 1 to this submittal.

PSEG requests approval of this relief request by March 2004, to support the Spring 2004 Refueling Outage (1R16).

Should you have any questions regarding this request, please contact Mr. Michael Mosier at 856-339-5434.

Sincerely,

A handwritten signature in black ink, appearing to read "Steven Mannon".

Steven Mannon  
Manager – Nuclear Safety and Licensing

Attachment

A047

DEC 12 2003

C Mr. H. Miller  
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**10 CFR 50.55a Relief Request S1-I3-RR-A13**

**Proposed Use of Subsequent Edition and Addenda In Accordance with 10 CFR 50.55a(g)(4)(iv) for Inservice Inspection Items**

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**ASME Code Components Affected**

All affected ASME XI Subsections IWB, IWC, IWD and IWF (Class 1,2 and 3) systems, structures and components contained within Tables IWX-2500-1.

**Applicable Code Edition and Addenda**

PSEG Nuclear specified the ASME Boiler and Pressure Vessel Code Section XI 1995 Edition up through and including 1996 as the "Code of Record" by reference 12 months prior to the start of the Third 10 Year Inspection Interval (May 19, 2001) in accordance with 10CFR50.55a(g)(4)(ii). The version of 10 CFR 50 in effect on May 19, 2001 indicated ASME Boiler and Pressure Vessel Code Section XI 1995 Edition up through and including 1996 Addenda was applicable.

**Proposed Subsequent Code Edition and Addenda**

PSEG Nuclear proposes to use the ASME Code Edition and Addenda in accordance with 10CFR50.55a(g)(4)(iv) to perform ISI on all affected ASME XI (Class 1,2 and 3) Subsections IWB, IWC, IWD and IWF systems, structures and components contained within Tables IWX-2500-1. The Federal Register (Notice 66 FR 40626) amended 10CFR50.55a(g) and revised the requirements for inservice inspection (ISI) of nuclear power plant components by permitting the use of ASME Boiler and Pressure Vessel Code, Section XI 1998 Edition up through and including 2000 Addenda.

ASME XI Exam Categories B-F, B-J, C-F-1 and C-F-2 will be performed in accordance with the Salem Units 1 and 2 Risk Informed Inservice Inspection (RI-ISI) of class 1 and 2 piping systems as approved by an NRC Safety Evaluation Report (SER) issued on October 27, 2003.

**Related Requirements**

10CFR50.55a(g)(4)(iv) indicates "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 (b) of this section, subject to the limitations and modifications listed in 10CFR50.55a (b)(2), 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.

PSEG will comply with 1998 Edition up through and including 2000 Addenda unless relief is requested in accordance with 10CFR50.55a (a)(3). PSEG will comply with the following 10CFR50.55a imposed additional requirements for:

**10 CFR 50.55a Relief Request S1-I3-RR-A13**

**Proposed Use of Subsequent Edition and Addenda In Accordance with 10 CFR  
50.55a(g)(4)(iv) for Inservice Inspection Items**

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- o Exam Category B-D, items B3.40, B3.60, B3.120 and B3.140 for the use of ASME 1998 Edition for the inspection of Nozzle Inner Radii.
- o Exam Category B-G-2, items B7.80 item B7.80 for the use of ASME 1995 Edition to perform VT-1 of CRD housing bolts, studs and nuts when disassembled.
- o Exam Category B-K, items B10.10 for the use of ASME 1995 Edition to examine welded attachments on at least one vessel in each group.

**Duration of Proposed Request**

This Request is applicable to:

Salem, Unit I - Third Ten-Year Interval Inservice Inspection Program