

## **NRR-PMDAPem Resource**

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**From:** Klos, John  
**Sent:** Wednesday, May 24, 2017 8:36 AM  
**To:** Williams, Lisa L.  
**Cc:** Klos, John  
**Subject:** NRC RAIs for Columbia Relief Request MF8922, 3ISI-16

Ms. Williams,

By letter dated December 7, 2016, (Agencywide Documents Access and Management System (ADAMS), Accession No. ML16343B035), Energy Northwest (the licensee), submitted Request for Relief No. 3ISI-16 (Relief Request) from certain requirements of the American Society of Mechanical Engineers, Boiler and Pressure Vessel Code (ASME Code), under the provisions of Title 10 of the Code of Federal Regulations (10 CFR), Part 50, Section 50.55a(g)(5)(iii), for the third 10-year inservice inspection (ISI) Program at Columbia Generating Station. The licensee's request for relief applies to the third ISI interval, in which the licensee adopted the 2001 Edition through the 2003 Addenda of ASME Code Section XI as the code of record.

The U.S. Nuclear Regulatory Commission (NRC) staff has reviewed the submittal and determined that the requests for additional information (RAIs) below are needed to complete the technical review and make a regulatory finding regarding this relief request.

During the clarification call it was agreed that these RAIs would have a response period of 45 calendar days from today's issuance; therefore the due date for these RAIs is July 8, 2017.

### **RAI 1**

Section XI, Table IWB-2500-1 of the ASME Code requires that for examination category B-A, Item Numbers B1.21 and B1.22, the accessible length of all welds must be examined each inspection interval.

- a) For the eight components listed in Table 3ISI-16.1 of the Relief Request, discuss if the stated examination coverages are based on the percentage of total weld length, or the percentage of accessible weld length.
- b) Please also provide the linear dimension for the accessible weld length for the eight components of this Relief Request.

### **RAI 2**

In the Inservice Inspection Program Plan for Interval 3, submitted by the licensee on December 15, 2005 (see ADAMS Accession No. ML053620391), the licensee provided the examination coverage obtained during the second ISI interval (see Table 5-3 of the Interval 3 Inservice Inspection Program Plan). The licensee also provided the weld length, weld area, total weld volume and volume scanned for the second ISI interval. Based on the information provided by the licensee, the examination coverage for the eight components of this Relief Request is the same for both the second and third ISI interval inspections. However, in order for the NRC staff to independently verify the coverages obtained during the third ISI interval, the NRC staff requests the following additional information.

- a) Discuss if the examination coverage calculations, and the calculation inputs, are the same for the third ISI interval as for the second ISI interval.
- b) If there have been any changes to the calculations described in RAI Question 2.a above, describe the changes and discuss how you verified that examination coverage is the same for both second and third ISI interval inspections.

**John Klos**

**DORL Callaway, Columbia Project Manager**

**U.S. NRC, Office of Nuclear Reactor Regulation,**

**Division of Operating Reactor Licensing, O8E7**

**NRC/NRR/DORL/LPL4, MS O8H4A**

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