

From: Feintuch, Karl
Sent: Tuesday, January 26, 2010 10:35 AM
To: 'Byrne, Thomas'
Subject: ME1821 Relief Request - Request for Additional Information (RAI)
Attachments: ME1821 CVIB (Purtscher) Draft RAI 2010-01-26 .doc

The Nuclear Regulatory Commission (NRC) staff has reviewed your letter dated July 30, 2009, in which NextEra Energy Duane Arnold, LLC submitted a relief request for an alternative to the required 1st period limited weld examinations for the 4th ten-year interval of various welds at the Duane Arnold Energy Center (DAEC). The Vessels and Internals Integrity Branch (CVIB) is the reviewing technical branch for this request. The assigned reviewer is Patrick T. Purtscher.

Based on the review conducted thus far, the NRC staff has a request for additional information (RAI) as addressed in the enclosure.

The attached items are in draft form and, if clarification is needed, the NRC staff offers a conference call to discuss the items, confirm the content of the RAI items, and agree on a date of response, typically 30 days after receipt of this draft. You may propose another response schedule.

If there are no questions or need for clarification, the attached draft RAI becomes the final version. In this case, please contact me to confirm a response date for this RAI.

Please contact me, as needed, to discuss these RAI items.

Karl Feintuch
Project Manager
USNRC
301-415-3079

E-mail Properties

Mail Envelope Properties (26E42474DB238C408C94990815A02F09059EB0A662)

Subject: ME1821 Relief Request - Request for Additional Information (RAI)
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From: Feintuch, Karl

Created By: Karl.Feintuch@nrc.gov

Recipients:
Thomas.Byrne@nexteraenergy.com ('Byrne, Thomas')
Tracking Status: None

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Options

Expiration Date:

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DRAFT
REQUEST FOR ADDITIONAL INFORMATION
ON RELIEF REQUEST
FOR 1ST PERIOD LIMITED WELD EXAMINATIONS
AT DUANE ARNOLD ENERGY CENTER
(TAC NO. ME1821)

In a letter dated July 30, 2009, NextEra Energy Duane Arnold, LLC submitted a relief request for an alternative to the required 1st period limited weld examinations for the 4th ten-year interval of various welds at the Duane Arnold Energy Center (DAEC). The Vessels and Internals Integrity Branch (CVIB) is in the process of reviewing the request and based on the review conducted thus far, the staff has developed a request for additional information (RAI) as addressed below.

RAI-1

Table A from the Enclosure to the licensee's July 30, 2009 submittal lists a Category R-A exam for a R1.16 Item Number, and two welds, RMA-J004 and CUA-J024, with 50% coverage. Please identify clearly on the Isometric Drawings No. 1.2-20 and 1.2-22 which is the RMA-J004 weld that was inspected on Feb. 8, 2009 as well as the other seven manifold to riser welds that are considered comparable to RMA-J004. Have any of the eight manifold to riser welds been previously inspected as part of the ISI program?

RAI-2

The staff notes that many of the welds shown in the Isometric Drawings No. 1.2-20 and 1.2-22 have had weld overlays applied to repair cracking and/or leaks. Discuss the issues that will dictate which welds will be included in the 4th interval Risk-Informed inspection plan. A list of the inspection history for other category R-A, Item R1.16 welds in the Reactor Coolant Recirculation (RCR) System would be helpful.