

From: "Sanchez, Edward" <esanch1@entergy.com>
To: "Perry Buckberg" <phb1@nrc.gov>
Date: 5/10/2007 12:45:31 PM
Subject: LRA question

Perry,

Attached is a page from Attachment B of the Entergy Letter that docketed LRA Amendment 3 (dated July 5, 2006). I believe this may address the issue you raised this morning about item 3.1.1-55 in LRA Table 3.1.1 on page 3.1-30 and Table 3.1.2-3 on page 3.1-72. We can discuss when you have a chance.

Thanks,
Ed Sanchez
Pilgrim Licensing

Mail Envelope Properties (46434C1A.A88 : 19 : 35464)

Subject: LRA question
Creation Date 5/10/2007 12:44:46 PM
From: "Sanchez, Edward" <esanch1@entergy.com>

Created By: esanch1@entergy.com

Recipients

nrc.gov
 OWGWPO01.HQGWDO01
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Files	Size	Date & Time
MESSAGE	351	5/10/2007 12:44:46 PM
Scan001.PDF	99023	
Mime.822	138251	

Options

Expiration Date: None
Priority: Standard
ReplyRequested: No
Return Notification: None

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Junk Mail Handling Evaluation Results

Message is eligible for Junk Mail handling
 This message was not classified as Junk Mail

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Junk Mail handling disabled by User
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LRA Amendment 3, Attachment B

Inspector: Wilbur Jackson

Item	Request	Response	Lead	Support	Category	Update
185	<p>[B.1.16.2-J-02, ISI]</p> <p>2. The PNPS LRA, Appendix B.1.16.2 (Inservice Inspection), under Scope of Program, states, "The ISI Program manages cracking, loss of material, and reduction of fracture toughness of reactor coolant system piping, components, and supports.</p> <p>LRA Table 3.2.1-3 identifies reactor recirculation pump casings and covers, main steamline flow restrictors and valve bodies (≥ 4" NPS and < 4"NPS) made of CASS as subject to the aging effect of reduction of fracture toughness. The aging management program is either Inservice Inspection or One-Time Inspection.</p> <p>The SRP-LRA (NUREG-1800, Rev.1), Appendix A.1.2.3.4 (Detection of Aging Effects), states that the applicant should "Provide information that links the parameters to be monitored or inspected to the aging effect being managed."</p> <p>QUESTIONS:</p> <p>Discuss how the parameters to be monitored by the ISI Program or One-Time Inspection are linked to the aging effect of reduction in fracture toughness?</p> <p>Which valves are subject to the aging effect of reduction in fracture toughness? (Please provide either valve numbers and drawing references or a functional description of the valves.)</p>	<p>LRA Table 3.1.2-3 identifies reactor recirculation pump casings and covers and valve bodies ≥ 4" NPS made of CASS as subject to the aging effect of reduction of fracture toughness. The aging management program is Inservice Inspection. As stated in NUREG-1801, the ASME Section XI inspection requirements are sufficient for managing the effects of loss of fracture toughness due to thermal aging embrittlement of CASS pump casings and valve bodies. The Inservice Inspection Program uses NDE techniques specified in ASME Section XI to monitor for the presence and extent of cracking which provides indication of reduction in fracture toughness for these CASS components.</p> <p>LRA Table 3.1.2-3 identifies main steamline flow restrictors and valve bodies < 4"NPS made of CASS as subject to the aging effect of reduction of fracture toughness. The aging management program is One-Time Inspection. The One-Time Inspection Program uses NDE techniques consistent with those specified in ASME Section XI to monitor for the presence and extent of cracking which provides indication of reduction in fracture toughness for these CASS components.</p> <p>Since the One-Time Inspection Program is a new program, the list of valves subject to the aging effect of reduction of fracture toughness has not yet been compiled. However, the One-Time Inspection program (described in LRA section B.1.23) will inspect a representative sample of CASS components exposed to treated water >482 degrees F with emphasis on the most susceptible components.</p>	Potts, Lori	Mileris, George	Closed	No