

From: James Davis
To: Bford@entergy.com; Dellis1@entergy.com; Fred Mogolesko
Date: 06/29/2006 10:08:49 AM
Subject: Additional Question From Bob Jackson

Bob Jackson has an additional question that should be easy to answer.

Jim

CC: jacksonwr@msn.com; Kenneth Chang ; Ram Subbaratnam

Mail Envelope Properties (44A3DEF1.D48 : 22 : 35346)**Subject:** Additional Question From Bob Jackson**Creation Date** 06/29/2006 10:08:49 AM**From:** James Davis**Created By:** JAD@nrc.gov

Recipients	Action	Date & Time
entergy.com AM BFord (Bford@entergy.com) dellis1 (Dellis1@entergy.com) fmogole (Fred Mogolesko)	Transferred	06/29/2006 10:09:40
msn.com AM jacksonwr CC (jacksonwr@@msn.com)	Transferred	06/29/2006 10:09:40
nrc.gov OWGWPO03.HQGWDO01 AM KXC2 CC (Kenneth Chang)	Delivered	06/29/2006 10:08:49
nrc.gov TWGWPO02.HQGWDO01 AM RXS2 CC (Ram Subbaratnam)	Delivered	06/29/2006 10:08:52
AM	Opened	06/29/2006 10:13:22
Post Office	Delivered	Route
OWGWPO03.HQGWDO01	06/29/2006 10:08:49 AM	entergy.com msn.com nrc.gov
TWGWPO02.HQGWDO01	06/29/2006 10:08:52 AM	nrc.gov
Files	Size	Date & Time
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Options		
Auto Delete:	No	
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Notify Recipients:	Yes
Priority:	Standard
ReplyRequested:	No
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**Questions Related to PNPS Aging Management Review Results
for LRA Section 3.1.1 (Reactor Vessel, Internals and Reactor Coolant System)
Prepared by Bob Jackson**

Question Number:
Question
NEW QUESTION: (Submitted after site audit) 6/29/2006
<p>3.1.1-34: LRA Table 3.1.2-1 includes three AMR results lines related to bolting. Two of these lines ("incore housing bolting" and "other pressure boundary bolting") identify the aging effect of cracking (not due to fatigue) and the aging management program is Inservice Inspection.</p> <p>GALL AMP XI.M18 (Bolting Integrity) refers to ASME Section XI requirements for detection of aging effects. However, for high strength bolting (> 150 ksi), the GALL AMP states that for bolting size greater than 1-inch nominal diameter a volumetric examination comparable to that of ASME Section XI Examination Category B-G-1 is required in addition to the visual examination required by Examination Category B-G-2 (for pressure retaining bolting 2" and less in diameter).</p> <p>Sufficient information has not been found in the LRA or in other documents reviewed to determine whether the incore housing bolting and other pressure boundary bolting in Table 3.1.2-1 can be excluded from the augmented examination.</p> <p>Question:</p> <p>For the components described as "incore housing bolting" and "other pressure boundary bolting" in LRA Table 3.1.2-1, please provide the following information.</p> <p>1) Is the yield strength of these components greater or less than 150 ksi?</p> <p>2) Is the diameter of these components greater than 1", and less than or equal to 2"?</p> <p>3) If any of these components have yield strength greater than 150 ksi and diameter between 1" and 2", will PNPS perform the augmented volumetric inspection as recommended in the GALL report? Alternatively, if such components are used at PNPS and PNPS does not propose to perform the augmented volumetric inspection, please provide a plant-specific basis to waive the augmented requirement of the GALL AMP.</p>

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