

PA-LR (FA)

**From:** James Davis  
**To:** Bford@entergy.com  
**Date:** 7/27/2006 3:58:51 PM  
**Subject:** Fwd: FYI : Attaching File With My Assessment Tracking the Status of Our Metal Fatigue Questions - Jim

Brian,

Here is the status for Jim Medoff's questions.

Jim

>>> James Medoff 07/27/2006 3:43 PM >>>

**CC:** Kenneth Chang ; Peter Wen; Ram Subbaratnam

**Mail Envelope Properties** (44C91AF6.8DB : 22 : 35346)

**Subject:** Fwd: FYI : Attaching File With My Assessment Tracking the Status of  
Our Metal Fatigue Questions - Jim

**Creation Date** 7/27/2006 3:58:46 PM

**From:** James Davis

**Created By:** JAD@nrc.gov

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<b>Files</b>	<b>Size</b>	<b>Date &amp; Time</b>
MESSAGE	612	7/27/2006 3:58:46 PM
Audit Team Tracking Form - Pilgrim Audit R1 7-27-2006.wpd		32844 7/27/2006
		3:13:58 PM

**Options**

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

**Concealed Subject:** No  
**Security:** Standard

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## Audit Team Tracking Form

Audit Team Question #	Brief Description of the Issue Raised in Audit Team Question	Date Q&A Database Response	Brief Description of the Applicant's Response to the Audit Team Question	Status:	Basis for Status:
503 (Medoff)	TLAA - AMR reconciliation question for Class 1 components designed to Section III requirements	TBR	Joint response to Questions 503, 504, 505, and 506 will require amendment of the Fatigue AMRs in Tables 3.1.2-1, 3.1.2-2, and 3.1.2-3.	<input type="checkbox"/> Open <input checked="" type="checkbox"/> Accepted <input type="checkbox"/> Closed <input checked="" type="checkbox"/> Supp. LRA Amend. <input type="checkbox"/> Supp. LRA Commit. <input type="checkbox"/> Update FSAR Supplement	Draft Joint Response has been accepted but not docketed in Q&A database.  Need to eliminate first paragraph of Draft resp.
504 (Medoff)	TLAA - AMR reconciliation question for Class 1 components designed to B31.1 requirements	TBR	Column entry for Question 503 is applicable.	<input type="checkbox"/> Open <input checked="" type="checkbox"/> Accepted <input type="checkbox"/> Closed <input checked="" type="checkbox"/> Supp. LRA Amend. <input type="checkbox"/> Supp. LRA Commit. <input type="checkbox"/> Update FSAR Supplement	Column entry for Question 503 is applicable.
505 (Medoff)	TLAA - AMR reconciliation question for Class 1 components designed to design codes other than Section III or B31.1 requirements	TBR	Column entry for Question 503 is applicable.	<input type="checkbox"/> Open <input checked="" type="checkbox"/> Accepted <input type="checkbox"/> Closed <input checked="" type="checkbox"/> Supp. LRA Amend. <input type="checkbox"/> Supp. LRA Commit. <input type="checkbox"/> Update FSAR Supplement	Column entry for Question 503 is applicable.

## Audit Team Tracking Form

Audit Team Question #	Brief Description of the Issue Raised in Audit Team Question	Date Q&A Database/ Other Responses	Brief Description of the Applicant's Response to the Audit Team Question	Status:	Basis for Status:
506 (Medoff)	TLAA - AMR reconciliation question for Non-Class 1 components	TBR	Column entry for Question 503 is applicable.	<input type="checkbox"/> Open <input checked="" type="checkbox"/> Accepted <input type="checkbox"/> Closed <input checked="" type="checkbox"/> Supp. LRA Amend. <input type="checkbox"/> Supp. LRA Commit. <input type="checkbox"/> Update FSAR Supplement	Column entry for Question 503 is applicable.
507 (Medoff)	RPV Internal Clarification Question	Q&A response: 7/5/2006  LRA Amend: 7/19/2006	Response was acceptable to clarify that only the shroud tie rods received CUF calcs and to propose deletion of a confusing clause in the LRA text.  LRA was amended to deleted the conflicting clause from the RPV Internal discussion text.	<input type="checkbox"/> Open <input type="checkbox"/> Accepted <input checked="" type="checkbox"/> Closed <input type="checkbox"/> Supp. LRA Amend. <input type="checkbox"/> Supp. LRA Commit. <input type="checkbox"/> Update FSAR Supplement	
508 (Medoff)	Question asked which fracture mechanics and flaw evaluations were TLAA's for the PNPS LRA.	Initial Resp: 07/05/2006  Amend. Resp: TBR	Initial response clarified that three flaw evaluations had potential to be TLAA's: (1) CRD nozzle cap weld, (2) recirc thermal sleeves, and (3) recirc N2F nozzle but did not meet definition for TLAA's. Amend. response to provide bases why.	<input checked="" type="checkbox"/> Open <input type="checkbox"/> Accepted <input type="checkbox"/> Closed <input type="checkbox"/> Supp. LRA Amend. <input type="checkbox"/> Supp. LRA Commit. <input type="checkbox"/> Update FSAR Supplement	Awaiting amended response. Work request to send amended response to DCI for review.

TBR: to be received.

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Audit Team Question #	Brief Description of the Issue Raised in Audit Team Question	Date Q&A Database Response	Brief Description of the Applicant's Response to the Audit Team Question	Status:	Basis for Status:
515 (Medoff)	<b>Critical question</b> on why the applicant had not performed updated 60-year CUF calculations when over half the transients are projected to exceed their maximum allowables before the expiration to the PEO.	Init. Resp. 7/5/2006.  Amend Resp: TBR	Amended draft response was to indicate that the applicant was committing to perform updated 60-year CUF calcs (including critical Fen impacts) for the RRS piping and either updated calcs, inspections or repair/replacment for RPV components.	<input type="checkbox"/> Open <input checked="" type="checkbox"/> Accepted <input type="checkbox"/> Closed <input checked="" type="checkbox"/> Supp. LRA Amend. <input checked="" type="checkbox"/> Supp. LRA Commit. <input checked="" type="checkbox"/> Update FSAR Supplement	1. Accepted but awaiting revised response containing Comms #31 and #35 as basis for closing out TLAA 2. LRA and FSAR Supp need updating to include Commits.
517 (Medoff)	Reconciliation Question to resolve differences between 40-year CUF values provided in TLA Table 4.3-1 and those listed in Class 1 design basis CUF calcuations	N/A		<input type="checkbox"/> Open <input checked="" type="checkbox"/> Accepted <input checked="" type="checkbox"/> Closed <input type="checkbox"/> Supp. LRA Amend. <input type="checkbox"/> Supp. LRA Commit. <input type="checkbox"/> Update FSAR Supplement	Need for Question was eliminated during second TLAA Audit of July 17-19, 2006. Issue is closed.
341 (Patel)	Question on whether the cranes for PNPS should be TLAAs for the LRA	Q&A: 7/5/2006	Response provides basis why cranes do not need to be within the scope of TLAAs  Note: Cranes were not TLAAs for Nine Mile Point but were for Brunswick and Browns Ferry LRA.	<input type="checkbox"/> Open <input checked="" type="checkbox"/> Accepted <input type="checkbox"/> Closed <input type="checkbox"/> Supp. LRA Amend. <input type="checkbox"/> Supp. LRA Commit. <input type="checkbox"/> Update FSAR Supplement	Basis accepted because unlike Brunswick and Browns Ferry, Pilgrim RB Cranes are Seismic Cat II - no CMAA-70 analysis was performed.

Note: Ken Chang would like to see minor revisions of Commitments 31 and 35.

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Audit Team Question #	Brief Description of the Issue Raised in Audit Team Question	Date Q&A Database Response	Brief Description of the Applicant's Response to the Audit Team Question	Status:	Basis for Status:
342 (Patel)	Question requested the basis for CUF exclusions in LRA Table 4.3-1	Q&A 7/5/2006  LRA Amend: TBR	Response to Question provided definitive valid ASME Code exclusion paragraphs for those components in LRA Table 4.3-1 that were excluded from CUF calculations	<input type="checkbox"/> Open <input checked="" type="checkbox"/> Accepted <input type="checkbox"/> Closed <input checked="" type="checkbox"/> Supp. LRA Amend. <input type="checkbox"/> Supp. LRA Commit. <input type="checkbox"/> Update FSAR Supplement	Response was accepted but requires an amendment of the LRA.  Current response may conflict with responses to 343 and 503/504/505
343	Question asked why Class 1 components designed to B31.1 do not require fatigue assessments. Similar to questions raised in 504 and 505.	Q&A 7/5/2006  LRA Amend: TBR	Response provide basis for removing Fen impacted CUFs from Table 4.3-3 for three component locations	<input type="checkbox"/> Open <input checked="" type="checkbox"/> Accepted <input type="checkbox"/> Closed <input checked="" type="checkbox"/> Supp. LRA Amend. <input type="checkbox"/> Supp. LRA Commit. <input type="checkbox"/> Update FSAR Supplement	Response was accepted but requires an amendment of the LRA.  Current response may conflict with responses to 343 and 503/504/505
344	Question raised the issue why cycle counting alone would ensure the adequacy of the Section III components evaluated by CUF assessments	Q&A 7/5/2006  LRA Amend: TBR	Response provided a basis why cycle counting alone was sufficient.	<input type="checkbox"/> Open <input checked="" type="checkbox"/> Accepted <input type="checkbox"/> Closed <input type="checkbox"/> Supp. LRA Amend. <input type="checkbox"/> Supp. LRA Commit. <input type="checkbox"/> Update FSAR Supplement	Initial response was acceptable because they were going to tie it to 515. New Comms. #31 and #35 appear to necessitate a newer amended response.

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Audit Team Question #	Brief Description of the Issue Raised in Audit Team Question	Date Q&A Database Response	Brief Description of the Applicant's Response to the Audit Team Question	Status:	Basis for Status:
345	Informed applicant that the CUF value for the feedwater nozzle was inaccurate and requested a new 60-year calculations	Q&A 7/5/2006  LRA Amend: TBR	Response ties to the revised Commitment #35.	<input type="checkbox"/> Open <input checked="" type="checkbox"/> Accepted <input type="checkbox"/> Closed <input checked="" type="checkbox"/> Supp. LRA Amend. <input type="checkbox"/> Supp. LRA Commit. <input type="checkbox"/> Update FSAR Supplement	Response is acceptable but requires an amendment to the LRA.
346 and 347	Ask for clarification on how the environmental CUF values for critical Class 1 components were calculated	Q&A 7/5/2006  LRA Amend: TBR	Response ties to the revised Commitment #31	<input type="checkbox"/> Open <input checked="" type="checkbox"/> Accepted <input type="checkbox"/> Closed <input checked="" type="checkbox"/> Supp. LRA Amend. <input type="checkbox"/> Supp. LRA Commit. <input type="checkbox"/> Update FSAR Supplement	Response is acceptable but requires an amendment to the LRA.
425	Requested information why CUF values in LRA Table 4.3-1 did not reflect Thermal Power Optimization impacts in a GE report used for the PNPS design basis.	Q&A 7/5/2006  LRA Amend: TBR	Response was tied to response to Question 345	<input checked="" type="checkbox"/> Open <input type="checkbox"/> Accepted <input type="checkbox"/> Closed <input type="checkbox"/> Supp. LRA Amend. <input type="checkbox"/> Supp. LRA Commit. <input type="checkbox"/> Update FSAR Supplement	Still open according to the July 5, 2006 Q&A Database. However, it would seem the upcoming responses with new Comm will close this.



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Audit Team Question #	Brief Description of the Issue Raised in Audit Team Question	Date Q&A Database Response	Brief Description of the Applicant's Response to the Audit Team Question	Status:	Basis for Status:
426 and 427	Questions on metal fatigue evaluations for emergency diesel expansion bellows	Q&A 7/5/2006	Responses informed staff that the TLAA's for EDG expansion bellows were done to B31.1 requirements are valid for PEO.	<input type="checkbox"/> Open <input checked="" type="checkbox"/> Accepted-426 <input checked="" type="checkbox"/> Closed-427 <input type="checkbox"/> Supp. LRA Amend. <input type="checkbox"/> Supp. LRA Commit. <input type="checkbox"/> Update FSAR Supplement	Response to 426 was accepted.  Response to 427 was closed.
				<input type="checkbox"/> Open <input type="checkbox"/> Accepted <input type="checkbox"/> Closed <input type="checkbox"/> Supp. LRA Amend. <input type="checkbox"/> Supp. LRA Commit. <input type="checkbox"/> Update FSAR Supplement	
				<input type="checkbox"/> Open <input type="checkbox"/> Accepted <input type="checkbox"/> Closed <input type="checkbox"/> Supp. LRA Amend. <input type="checkbox"/> Supp. LRA Commit. <input type="checkbox"/> Update FSAR Supplement	