

PMComanchePeakPEm Resource

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Sent: Wednesday, February 15, 2012 12:06 AM
To: Monarque, Stephen; Conly, John; Evans, Todd; Galvin, Dennis; Kallan, Paul; Otto, Ngola; Patel, Chandu; Reyes, Ruth; Roy, Tarun; Takacs, Michael; Vokoun, Patricia; Ward, William
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Subject: 2012-02-14 Woodlan, Talking Points and Status Files for 2-15-12 COLA Conference Call
Attachments: 2012-02-14 SER Open Items.pdf; 2012-02-14 Talking Points.pdf; 2012-02-14 Unresolved Questions without Follow-up RAI.pdf; R_COLA Dashboard 2012-02-14.pdf; 2012-02-14 RAI Trend Chart.pdf; 2012-02-14 RAI-Question Pie Chart.pdf; 2012-02-14 Responded Questions.pdf

See attached. In general, the files show significant progress.

Donald R. Woodlan

Manager, Nuclear Regulatory Affairs

Luminant Power

O- 254-897-6887 C- 214-542-7761

From: Woodlan, Don
Sent: Wednesday, February 08, 2012 9:52 AM
To: 'Monarque, Stephen'; Conly, John; Evans, Todd; 'Galvin, Dennis'; 'Kallan, Paul'; 'Otto, Ngola'; 'Patel, Chandu'; 'Reyes, Ruth'; 'Roy, Tarun'; 'Takacs, Michael'; 'Vokoun, Patricia'; 'Ward, William'
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Subject: 2012-02-08 Woodlan, Status Files for R-COLA RAIs

Steve,

Attached are some key status files for the R-COLA RAIs/questions. They are based on the 2/7/12 eRAI table.

Donald R. Woodlan

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Subject: 2012-02-14 Woodlan, Talking Points and Status Files for 2-15-12 COLA
Conference Call
Sent Date: 2/15/2012 12:05:50 AM
Received Date: 2/15/2012 12:06:22 AM
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Files	Size	Date & Time
MESSAGE	1555	2/15/2012 12:06:22 AM
2012-02-14 SER Open Items.pdf		39158
2012-02-14 Talking Points.pdf	123611	
2012-02-14 Unresolved Questions without Follow-up RAI.pdf		48452
R_COLA Dashboard 2012-02-14.pdf		122407
2012-02-14 RAI Trend Chart.pdf		33882
2012-02-14 RAI-Question Pie Chart.pdf		284423
2012-02-14 Responded Questions.pdf		43323

Options

Priority: Standard
Return Notification: No
Reply Requested: No
Sensitivity: Normal
Expiration Date:
Recipients Received:

Licensing Conference Calls

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2012-02-14 SER Open Items which are not statused as Issued, Confirmatory or Resolved/Closed
Based upon eRAI Table of 2/14/12

[Print](#)

	CH ▼▲	RAI ▼▲	Title ▼▲	PM Status Update	Responded ▼▲	
						
	03	228	03.09.06-13 IST Detail Open Item	RAI-244 (6222), question 03.09.06-21 is a followup question. Q03.09.06-13 is Closed/Issue unresolved.	11/7/2011	
	03	228	03.09.06-14 IST Detail Open Item	RAI-244 (6222), question 03.09.06-22 is a followup question. Q03.09.06-14 is Closed/Issue unresolved.	11/7/2011	
	03	228	03.09.06-15 IST Detail Open Item	RAI-244 (6222), question 03.09.06-22 is a followup question. Q03.09.06-15 is Closed/Issue unresolved.	11/7/2011	
	03	228	03.09.06-16 IST Detail Open Item	RAI-244 (6222), question 03.09.06-22 is a followup question. Q03.09.06-16 is Closed/Issue unresolved.	11/7/2011	
	03	228	03.09.06-20 IST Detail Open Item	RAI-244 (6222), question 03.09.06-23 is a followup question. Q03.09.06-20 is Closed/Issue unresolved.	11/7/2011	
	08	182	08.02-1 Grid Stability and Time Delays Open Item	Question 08.02-30. Luminant supplemented response 9/16/11. 10/5/11 no update during COLA call. No update in 10/26/2011 eRAI Report.	9/16/2011	

Total: 6

2012-02-14 COLA Conference Call Talking Points

Based on eRAI Table of 2/14/12.

Licensing Conference Calls



	Title ▼▲	Description	PM Status Update	Action Required	Date ▼▲
CH: 00 Misc (4)					
010 Logistics (1)					
	Hearing Petitions	ASLB With 2/25/11 order, the board denied the last contention and closed the proceedings. 3/11 Petition for review with Commission for a decision. Petition denied by Commission via CLI-11-09 on 9/27/2011. Appeal to Federal Court Interveners file petition for review of CLI-11-09 with Federal Appeals Court 11/28/11. Action with the court is pending. Motion to Reopen In August, the former interveners submitted a new proposed Fukushima related contention, a motion to reopen the hearings, and a petition for rulemaking. ASLB denied motion to reopen hearing as premature via LBP-11-27 on 10/18/11. Motion to Reinstate A followup motion to reinstate the Fukushima contention was filed (10/28/11) and also denied (LBP-11-36 on 11/30/11). Motion for Commission Review Interveners filed a motion for commissioner review of the ASLB decision to deny the motion to reopen (LBP-11-27). Pending a decision by the Commission.		Commission to rule on motion to review CLI-11-27. Court of appeals to respond to filings and set schedule. Staff filed motion for summary disposition and Luminant filed comments supporting the motion in part. Petitioners filed to withdraw petition without prejudice.	1/11/2012
090 Action CPNPP (2)					
	Impacts re DCD Nuclear Island Changes	MHI is assessing changes to the US-APWR Nuclear Island to resolve seismic qualification issues. These standard plant changes have the potential to impact multiple aspects of the site specific design including but not limited to: • Surface flooding and gradation • Ground water level • Large tank leakage assessments • Security • Site seismic qualification		Luminant to advise the NRC as impacts are identified and to discuss resolution plans. Luminant to propose a public meeting to present an orientation to the staff re the resolution plans.	4/16/2012
	Regulatory Commitments List	Periodically confirm with NRO the list of reg commitments. A report re closed commitments provided on 4/20/2010 (TXNB-10033), 7/28/2010 (TXNB-10054), 1/31/2001 (TXNB-11007), 4/25/11 (TXNB-11028). 7/29/11 (TXNB-11051), 10/25/11 (TXNB-11070), 1/30/12 (TXNB-12004)		Luminant provide April 2012 update.	4/30/2012
120 ACRS (1)					
		(6/2) Stephen Monarque is developing the ACRS meeting schedules by SRP/COLA Chapter. Steve provided a spreadsheet with a draft schedule.	Luminant provided slides		1

ACRS Subcommittee Meeting Schedule	* Chapter 5 (1/2 day), May 27 - COMPLETE. * Chapters 8, 10 Aug 17-18 - COMPLETE * Chapter 11, 12, & PRA Briefing (NRC), Oct 20 - COMPLETE * Chapter 13 (COLA) and 18 (DCD & COLA), April 10 and 11 * Chapter 7, April 26 and 27, 2012 * Chapter 15 (DCD, COLA and Topicals) May 24-25, 2012 * Chapter 4 (DCD & COLA), June 21-22, 2012 * Chapter 6, July 10, 2012 * Chapter 16, 17 & 19, August 16-17, 2012 * Chapter 9, September 2012 * Chapter 2 & 3, TBD (SER to be written in parts) * Chapter 14, TBD ACRS full committee sometime in June.	for April 10 2012 subcommittee to NRC and ACRS by 4/3/12. Chapter 2 will be in two parts. 2.0 to 2.3 will be first and the rest of Chapter 2 later. SER for 2.0 to 2.3 expected in February or Early March 2012. Chapter 18, on 4/11 in afternoon.	NRC - continue to provide updated schedules.	
CH: 01 (4)				
030 RAIs (3)				
01 Construction Impacts	NRC is considering an RAI re section 1.10 on construction impacts. Will be based on ISG-22 which is in draft. Luminant updated the FSAR re construction impacts on operations via TXNB-11090, FSAR R2 UTR R0, dated 12/20/11.		After ISG-22 is finalized, NRC will assess information in Section 1.10 of the FSAR and draft an RAI if needed. No projected date as of yet.	
01 RAI-154 (4494) DCD Reference	Question 01-3. Luminant to supplement COL FSAR to incorporate certified version of US-APWR DCD.	Question 01-3. This RAI is the closure path for OI 01-1	Luminant respond after US-APWR certification is complete.	6/30/2014
01 RAI-246 (6310) Part 30, 40 and 70 Licenses	Questions 01-9, 10 and 11. This is a followup to RAI-198. Questions 9 - UF6 amounts re security Question 10 - MC&A Program Question 11 - SNM type and amounts	2/14/12 Update. Luminant does not need a clarifying call at this time.	Luminant submit response.	3/13/2012
100 Action NRO (1)				
Construction Funding	During the 12/6/11 DCWG meeting, the NRC noted that a new position is being developed regarding construction funding based on the review of other dockets. Previously, the NRC staff had indicated that all issues re financing for CPNPP had been resolved except for foreign ownership. The NRC agreed to check with the branch to confirm that the new position will not impact CPNPP.	2012-01-04 NRC confirmed that position is not sufficiently developed to assess impact, if any, on CPNPP at this time.	NRC confirm no new impact on CPNPP. May be discussed at 2/22 DCWG meeting with NRC.	2/28/2012
CH: 02 (11)				
035 RAI Responses (2)				
02.05.02 RAI 168 (4725) Vibratory ground motion	Q 2.5.2-22 through 2.5.2-27 based on the Geology Audit and the review of the sensitivity study submitted to the NRC. Submitted response in TXNB-10059 (8-19-10). Supplemental response to question 26 provided by TXNB-11073 on 10/31/2011.	Not shown on eRAI: 26 Resolved/Closed: 22, 23, 24, 25 and 27 Q 02.05.02-26 is listed in eRAI Table as RAI 6301 and has a status of Responded.	Luminant provided supplemental responses based on 10/21/2010. See TXNB-10073. Closed per NRC Project Status List but question 26 is shown as Responded in eRAI Table.	8/27/2010
02.05.04 RAI-233 (6115)	Question 02.05.04-26. Followup information regarding the impact of changing groundwater level on slopes and sliding.	Not listed on eRAI Table. 2/1/12 Update - NRC asked that Luminant		2

Groundwater impact on seismic	On 11/18, the NRC staff approved a new due date of 12/2/11. Luminant responded in TXNB-11081 on 12/1/11.	Resend the RAI response. 2/7/12 Luminant provided response and eRAI table changed Q 02.05.04-26 to Responded.	NRC review response.	12/1/2011	
042 Audit Open Items (8)					
02.04.02-1 Surface Flooding Open Item	Onsite Flooding from potential Intense Precipitation. Need: Weakness in surface flooding calc need to be addressed. Luminant submitted an updated response via TXNB-11066 on 10/21/11. RAI-139 S01 (Q 02.04.02-2).	NRC issued a white paper 10/12/11. Conf call held on 12/1/11.	Luminant to prepare plan to address clarifications and needs identified during 12/1/11 conference call.	2/29/2012	
02.04.10-1 Surface Flooding Open Item	Surface Flooding Need: Discussion re erosion due to onsite flooding and drainage, the impact of 3 & 4 drainage on 1 & 2 (boundary), and ongoing actions to ensure design drainage remains available (e.g., surveillances, operation observations, housekeeping) RAI-139 S01 (Q 02.04.02-2). RAI-139 supplement issued 10/21/11 via TXNB-11066.	NRC issued a white paper 10/12/11. Conf call held 12/1/11..	Luminant to prepare plan to address clarifications and needs identified during 12/1/11 conference call.	2/29/2012	
02.04.12-1 Groundwater Open Item	Luminant, prepared and submitted an overarching description. Luminant supplemented RAI-147 (S02), Q 02.04.12-8 re ground water flow in Glen Rose Formation. Response to RAI-22 Q 02.04.05-11 revised to properly reflect groundwater level. See TXNB-11057 dated 8/29/2011. Supp 03 provided by TXNB-11082 on 11/28/11 and included fill properties and extent of above ground fill.	NRC issued a white paper 10/12/11. Conf call held 10/26/11	NRC review responses. Luminant proposed public conference call week of 12/12/11 to discuss all hydrology audit items. NRC to propose date and time.	10/26/2011	
02.04.12-3 Groundwater Open Item	Groundwater in existing soil structure Need: Address different interpretations re groundwater in existing soil based on slow rise of level in some monitoring wells. Luminant, incorporate alternate interpretations re groundwater in overarching description. Luminant supplement RAI-147 (S02), Q 02.04.12-9 re shallow ground water. See TXNB-11057 dated 8/29/2011.	NRC issued a white paper 10/12/11. Conf call planned for 10/26/11	NRC review responses. Luminant proposed public conference call week of 12/12/11 to discuss all hydrology audit items. NRC to propose date and time.	10/26/2011	
02.04.12-4 Leakage Paths Open Item	Potential error in calculation Luminant has provided a clarification which was included in COLA Rev. 2 dated 6/28/11.	NRC issued a white paper 10/12/11. Conf call planned for 10/26/11	NRC to review. Luminant proposed public conference call week of 12/12/11 to discuss all hydrology audit items. NRC to propose date and time.	10/26/2011	
02.04.12-5 and 02.04.13-2 Vertical Flow Paths Open Item	Potential vertical leakage path Need: Quantitative assessment of a vertical leakage path to groundwater below. Luminant, pursue options to provide quantitative assessment. RAI-145, Q 2.4.13-5, 6, and 7. See TXNB-11057 dated 8/29/2011.	NRC issued a white paper 10/12/11. Conf call held 10/26/11	Luminant proposed public conference call week of 12/12/11 to discuss all hydrology audit items. NRC to propose date and time.	11/17/2011	
02.04.12-6 DCD Compliance Open Item	Potential impact of seismic event on groundwater level Need: Address potential impact of seismic event on groundwater level. Not on NRC project status list as of 7/5/2011. See TXNB-11046 dated 7/14/2011.	NRC issued a white paper 10/12/11. Conf call planned for 10/26/11	NRC to review.	11/17/2011	
	Horizontal Leakage Path for Tank Failure Need: Overarching description of leakage path and basis for				3

	assumptions used in the analysis. A description of the physics involved in assessing the leakage path. Areas of interest include groundwater dilution assumptions, SCR dilution assumptions, and effects of any installed drainage systems. Luminant prepared and provided an overarching description of the horizontal leakage path, to discuss the physics involved and to identify and justify assumptions used. RAI-145 S01, Q2.4.13-5, 6 & 7. See TXNB-11057 dated 8/29/2011.	NRC preparing detailed comments to be followed by a conference call (10/26)	Luminant proposed public conference call week of 12/12/11 to discuss all hydrology audit items. NRC to propose date and time.	10/26/2011	
060 Public Meetings (1)					
	Hydrology Path Forward	Public Meeting to obtain clarifications from NRC re October White Paper and possible discuss potential action plans by Luminant to confirm if plans address issues.	NRC propose date for a public meeting. Shooting for late February. Luminant develop plans to resolve remaining hydrology issues based on clarifications provided during the public meeting and based on DCD proposed changes.	2/29/2012	
CH: 03 (8)					
030 RAIs (2)					
	03.09.06 RAI-244 (6222) IST	Questions 03.09.06-21, 22, and 23. Relate to IST and procurement specifications. Will be answered along with RAI-239. Due date extended to 1/31/2012 to be consistent with RAI-239. Clarifying conference call held.	Also being tracked as three open items. Linked to a DCD question. Extended to 2/29/12 awaiting final DCD response.	Luminant respond to RAI questions.	2/29/2012
	03.11 RAI-239 (6159) EQ Followup - Questions 03.11-18, 19 and 20	Q 03.11-18 followup to Q 03.11-1. The NRC is preparing a followup question to 03.09.06-13 which is very similar to this question. Q 03.11-19 followup to Q 03.11-2. Describe the transition from the initial EQ program to the EQ program to be implemented during plant operation. Q 03.11-20 followup to Q 03.11-11. License condition for program implementation. 12/15, NRC granted extension to 1/31/2012.	Clarifying call held on 11/30/11. Question 18 to be answered with 3.9.6 followup RAI. Luminant to prepare a generic license condition of operational program inspection activity. On 11/30/2011 Luminant and NRC agreed that Luminant may respond to Q 03.11-18 and 03.09.06-13 followup at the same time - as a result, Q 03.11-18 extended to 1/31/12.	Luminant respond to RAI questions. Question 3.11-19 is linked to DCD RAI 901-6257. Luminant may need to delay response to that question until after DCD RAI is answered.	2/29/2012
040 SER Open Items (5)					
	03.09.06-13 IST Detail Open Item	Availability of design and procurement specifications for audit. Luminant response to RAI due by 11/7/2011. Clarifying conf call 10/3/11. Luminant responded via TXNB-11077 on November 7, 2011.	RAI-244 (6222), question 03.09.06-21 is a followup question. Q03.09.06-13 is Closed/Issue unresolved.	Path Forward: NRC review Luminant response.	11/7/2011
	03.09.06-14 IST Detail Open Item	COL Item 3.9(6), full description of program, and use of nonmandatory appendix A. Luminant response to RAI due by 11/7/2011. Luminant responded via TXNB-11077 on November 7, 2011.	RAI-244 (6222), question 03.09.06-22 is a followup question. Q03.09.06-14 is Closed/Issue unresolved.	Path Forward: NRC review Luminant response.	11/7/2011
	03.09.06-15 IST	OM Code and use of Code Cases. Luminant response to RAI	RAI-244 (6222), question 03.09.06-22 is a followup	Path Forward: NRC review	4

	Detail Open Item	due by 11/7/2011. Luminant responded via TXNB-11077 on November 7, 2011.	question. Q03.09.06-15 is Closed/Issue unresolved.	Luminant response.	11/7/2011
	03.09.06-16 IST Detail Open Item	Use IST program (and not program plan). Luminant response to RAI due by 11/7/2011. Luminant responded via TXNB-11077 on November 7, 2011.	RAI-244 (6222), question 03.09.06-22 is a followup question. Q03.09.06-16 is Closed/Issue unresolved.	Path Forward: NRC review Luminant response.	11/7/2011
	03.09.06-20 IST Detail Open Item	License condition to implement IST plan. Luminant response to RAI due by 11/7/2011. Luminant responded via TXNB-11077 on November 7, 2011.	RAI-244 (6222), question 03.09.06-23 is a followup question. Q03.09.06-20 is Closed/Issue unresolved.	Path Forward: NRC review Luminant response.	10/7/2011
090 Action CPNPP (1)					
	Integrated Seismic Closure Plan	Integrated seismic closure plan including all seismic issues such as RAI-221, RAI-226, seismic margin analyses, seismic sliding assessment, and impacts from the final decisions by the DCD Seismic Task Team. Needs to address any impact due to changes in ground water level. Plan presented during drop-in visit 9/26/11 and submitted via TXNB-11062 dtd 9/30/11. TXNB-12003 of 1/25/12 changed the date to 4/16/12.		Luminant submit detailed plan.	4/16/2012
CH: 06 (1)					
030 RAIs (1)					
	06.04 RAI-240 (6158) CRH Habit	Q 06.04-14 and 15. Control Room Habitability. A clarifying call was held on 12/13/11. Luminant needs more time to obtain, V&V and run ALOHA code. NRC approved extension to respond to 3/30/2012.	Also being listed as two open items.	Luminant respond to questions.	3/30/2012
CH: 08 (2)					
035 RAI Responses (1)					
	08.02 RAI-182 (5116) Offsite Power	Question 08.02-29 regarding inaccessible cable monitoring program and 08.02-30 regarding anti-motoring protective relay for main generator output breaker. Luminant has determine that a clarifying conference call is needed and has so requested from NRC. Clarifying conference call held on 11/12, new due date 12/10. On 12/2, an extension was granted for one week to 12/17. Response submitted in TXNB-10087 dated 12/16/10. S01 issued 9/16/11 via TXNB-11060.	Confirmatory: 29 and 30. 30 also identified as Open Item. Question 08.02-30 changed from confirmatory to Responded in 9/20/11 eRAI Report. No change in 10/26/11 eRAI Report.	See Open Item 08-02-1	12/17/2010
040 SER Open Items (1)					
	08.02-1 Grid Stability and Time Delays Open Item	RAI 5116, Question 08.02-30 (CP RAI 182) . Response provided in TXNB-10087. Relates to grid stability, and the 3 second time delay. Luminant believes our response was complete and reviewer can confirm the design with MHI and the DCD. MHI responded to RAI 687-5394 on 2/24/11 via UAP-HF-11049 (question 15.0.0-24). Conference call held on 7/27 between MHI and NRC. MHI to clarify sequence of events and the basis for each action. What is signal that triggers the 15 second time delay? If needed, R-COLA response to RAI-182 needs to be supplemented. Luminant submitted a supplemental response via TXNB-11060 dated 9/16/11.	Question 08.02-30. Luminant supplemented response 9/16/11. 10/5/11 no update during COLA call. No update in 10/26/2011 eRAI Report.	PLAN AGREED UPON. NRC determine if DCD information and Luminant supplemental response to RAI-182 are sufficient to resolve issues.	9/16/2011
CH: 09 (3)					
030 RAIs (1)					
	09.04.05 RAI-243 (6124) UHS	Questions 09-04-05-19 to 25. Q 19 if a followup to Q 12 and 14. Q 22 if a followup to Q 3,	Also being listed as seven open items. Similar to RAI-	Luminant determine if	2/28/2012

Vent	Q 23 if a followup to Q 5 and 17. Q 24 if a followup to Q 12 and 15. Q 25 if a followup to Q 10 and 18.	245 (14.3) and responses are being worked together.	clarifying call is needed.	
035 RAI Responses (1)				
09.02.05 RAI-241 (6173) WB Temp	Q 09.02.05-17, Wet Bulb Temp for Cooling Tower calcs. Due date extended to 1/10/12 due to holidays. Response submitted via TXNB-12002 on 1/24/12. Response shows compliance with RG 1.27 and margin to address climate changes.		NRC staff review response.	1/24/2012
075 Conference Calls (1)				
9.2.1 DCD Revisions	A conference call in 9.2.1 was held on 1/23/12 with the reviewer, Larry Wheeler. A series of issues (mostly clarifications and corrections) were discussed. In general, these issues need to be addressed in DCD and the FSAR will be updated to be consistent (RAI supplement or UTR).		NRC identify when RAIs to be issued to MHI for DCD.	2/29/2012
CH: 10 (1)				
035 RAI Responses (1)				
10.04.08 RAI-237 (6166) SGBD	Q 10.04.08-3 asks for additional details. TXNB-11084 dated 12/8/11 provides the Luminant response.		NRC review response.	12/8/2011
CH: 13 (2)				
035 RAI Responses (1)				
13.06.01 RAI-234 (6068) Security Followup	Questions 13.06.01-57 and 58. Followup questions concerning target sets and defense. Clarifying conference call held 11/2/11. Luminant to perform a table top. TXNB-11085 dated 12/8/11 provides the Luminant response. Final resolution of the issues is tied to the HAE report which will be issued by Mitsubishi on the DCD docket after the standard plant layout is finalized. ECD is June or July 2012.	Not on eRAI Table yet. A conference call held with NRC staff. Response will include commitment to update scenarios in HAE in February 2012. This commitment will need to be rescheduled due to standard plant layout changes.	NRC Review response.	12/8/2011
090 Action CPNPP (1)				
13.06.01-57 RAI-234 (6068) Target Sets	Closure of the issue is linked to a revision to the HAE on the DCD. The commitment in TXNB-11085 (12/8/11) is to provide that revision by 2/29/12. Due to recent changes in the standard plant layout, it is more prudent to do the work and revise the analysis after the layout changes are finalized.		Luminant provide a supplement to RAI-234 response to change the commitment completion date (probably to June or July 2012).	2/29/2012
CH: 14 (2)				
030 RAIs (1)				
14.03.07 RAI-245 (6265) Temp Sw Seismic	Question 14.03.07-37. Temp Switched need to be Seismic II if near safety related equipment.	Similar to RAI-243 (9.4.5) and responses are being worked together.	Luminant determining if clarifying call is needed.	3/6/2012
090 Action CPNPP (1)				
Sequence of ITAAC Changes	Some of the changes committed in older RAI response mark-ups of Part 10 seemed to have been changed later. Luminant to investigate and let NRC know when ready to discuss.	Relates to RAIs 174, 175, 176, 177, 181 and maybe more.	Luminant assemble the related files and propose a time to discuss with NRC. Currently looking	2/10/2012

					at February 2012 (possibly week of 2/6).	
CH: 19 (2)						
035 RAI Responses (2)						
	19 RAI-230 (6001) TS Methodology	Question 19-16 with 10 parts. Luminant does not need a clarifying conference call at this time. Response submitted on 10/21/11 via TXNB-11067.	2012-01-04 update - NRC intends to issue follow-up questions via an RAI. 2/1/12 Update - status may be changed to Closed/Unresolved in upcoming eRAI report.	NRC review response.	10/21/2011	
	19 RAI-232 (6045) Screens External Events	Question 19-17 (7 parts), and 19-18 (5 parts). Relate to screens for external events and clarifications. These are follow-up questions to RAIs-165 and 166. Luminant needs to the 33 page table and address criterion used to screen external events. Refers to numerous other FSAR chapters and need to develop new discussions. 10/31/11 NRC granted an extension to 12/9/11. TXNB-11085 responded to RAI on 12/8/2011.	2/1/12 Update - status may be changed to Closed/Unresolved in upcoming eRAI report.	NRC review response.	12/8/2011	
CH: Part 01 Fin (1)						
090 Action CPNPP (1)						
	Negation Action Plan	Discuss the potential for foreign influence. Call held on Thursday, 1/20, at 10am EST. Luminant assess NRC feedback and develop a plan to resolve. Luminant is standing by its submittal for now. Luminant is standing by the submitted plan at this time. May become an Open Item. Need to resolve before phase 6. Luminant submitted request to track as a Phase 2 Open Item on 7/28/11 (TXNB-11052).		Luminant to re-initiate review (approximately second quarter 2013).	6/29/2013	
CH: Part 03 ER (2)						
090 Action CPNPP (2)						
	Potential alternate pipeline route	Luminant is exploring an alternate pipeline route based upon ability to obtain right-of-ways. The FSAR and ER have not been revised and may not be but Luminant wants to have alternatives identified and available. 5/19: Michael Willingham noted that any changes to the ER could affect the environmental review schedule.		Luminant determine if update required and inform NRC.	12/31/2012	
	Update NRO re Transmission Lines	In March of 2010, Luminant informed the NRC that, due to actions by ERCOT, the studies (or at least portions of the studies) regarding off-site power may need to be redone by Oncor. Some of the transmission lines or their routes may change. Some information may be available in the fall of 2010 but some final information may not be available until the spring of 2011.		Luminant keep NRC informed of update status. Subject of future drop in discussion with NRC.	12/31/2012	
CH: Part 10 ITAAC (1)						
100 Action NRO (1)						
	License Conditions	Generic discussions are ongoing between the NRC Staff (Jerry Wilson) and the industry (NEI COL TF) re standard/typical license conditions. NRC staff is also looking at plant specific license conditions for CPNPP Units 3 and 4. A partial update was included in response to RAI-198 for 10		NRC, when time is appropriate, initiate discussion of license conditions for CPNPP Units 3 and 4.	1/31/2013	7

CFR 30, 40, and 70.

Total: 44

Licensing Conference Calls



2012-02-14 Questions statused as Closed/Unresolved without a follow-up question identified
Based on eRAI Table of 2/14/12

CH	RAI	Title	Description	PM Status Update	Unknown	Responded
02	61	02.03.05 RAI-061 (3559) Atmos Dispersion	RAI 061, 02.03.05-1 to 2 Atmos Dispersion (Answers provided by TXNB-09060 dated 10/30/09.)	<u>CU-Q</u> 02.03.05-2 ? <u>FU-Q</u> 2/1/12 Update - NRC expects to resolve in SER without a follow-up RAI.	1	10/30/2009
14	98	14.02 RAI-098 (3790) IST	RAI-098, 14.02-15 to 16, Initial Test Prog With 7 day extension of 11/2, new date is 11/11/09. (Answers submitted via TXNB-09064 on 11/11/090)	<u>CU-Q</u> 14.02-15 ? 14.02-16 ? <u>FU-Q</u>	2	11/11/2009
02	72	02.03.04 RAI-072 (3558) Atmo Dispersion	RAI 072, 02.03.04-01 to -07 Atmospheric Dispersion With 7 day extension of 11/2, new date for RAIs is 11/11/09. (Answers provided via TXNB-09063 on 11/11/09)	<u>CU-Q</u> 02.03.04-1 ? 02.03.04-4 RAI-158 02.03.04-8 2/1/12 Update - NRC expects to resolve in SER without a follow-up RAI.	1	11/11/2009
09	109	09.02.01 RAI-109 (3698) ESW	RAI-109, 9.2.1-1 to -5, (7) ESWs - Luminant requested a 7 day extension via 10/20 email (new date 11/13) - NRC approved via email 10/20. With 7 day extension of 11/2, new date is 11/20/09. (see TXNB-09071 dated 11/20/09)	<u>CU-Q</u> 09.02.01-1 ? 09.02.01-2 ? 09.02.01-3 ? 09.02.01-4 ? 09.02.01-5 ? 2/1/12 Update - NRC believes these questions are obsolete based on revised DCD and R-COLA. New RAIs to be issued.	5	11/20/2009
09	121	09.02.05 RAI-121 (3762) UHS Descript	RAI 121, 09.02.05-01 to 16 UHS Description - Luminant requested a 7 day extension via 10/20 email (new date 11/20) - NRC approved via email 10/20. On 10/22, an additional 21 days was requested and approved. With 7 day extension of 11/2, new date is 12/18/09. (see TXNB-09081 dated 12/16/09)	Closed/Unresolved: 1-16 <u>CU-Q</u> 09.02.05-01 ? 09.02.05-02 ? 09.02.05-03 ? 09.02.05-04 ? 09.02.05-05 ? 09.02.05-06 ? 09.02.05-07 ? 09.02.05-08 ? 09.02.05-09 ? 09.02.05-10 ? 09.02.05-11 ? 09.02.05-12 ? 09.02.05-13 ? 09.02.05-14 ?	16	12/16/2009

					09.02.05-15 ? 09.02.05-16 ?				
					2/1/12 Update - NRC believes these questions are obsolete based on revised DCD and R-COLA. New RAIs to be issued.				
19	166	19 RAI-166 (4638) PRA Followup	Q 19-11, -12 and -13. TXNB-10046 RAI 165, 166.pdf	Questions 19-11, 12 and 13. May have follow-up RAI. Working DCD first which is driving R-COLA review schedule. 10/5 update, will become closed/unresolved with follow-up RAI. CU-Q 19-11 ? 19-12 ? 19-13 RAI-232 19-17 FU-Q	2		6/24/2010		
19	165	19 RAI-165 (4619) PRA	Qs 19-9 and 19-10, 12 questions. TXNB-10046 RAI 165, 166.pdf on 6/24/2010 .	Questions 19-9 and 10. CU-Q 19-09 ? 19-10 RAI-232 19-17 FU-Q	1		6/24/2010		
08	9	08.01 GDC 5 Sharing SCCs	Questions 08.01-1 and 2. RAI No. 2576 (CP RAI #9) responded in TXNB-09030 (8/11/2009) "we don't share." NRC is looking for a statement that sharing won't impair the ability to perform. Listed as OI 8.1-2 (the question number) on 7/5/2011 project status list. Luminant provided a supplemental response via TXNB-11055 dated 8/9/2011 . Supplemental response S02 issued via TXNB-11065 on 11/17/11.	Resulted in Open Item 08.01-2. eRAI Table 2/7/12 removed Open Item. (Question 08.01-2 is closed/unresolved.) Question 08.01-1 is resolved/closed. CU-Q 08.01-2 FU-Q NRC to issue new RAI	1		10/17/2011		

Totals:

Total: **8**

Sum: 29

R-COLA - KEY PROJECT METRICS

WEEKLY PERIOD
2/14/2012

Current NRC DCD Review Schedule / Project Schedule Forecast

Phase 2 - 1/2013	Phase 3 - 5/2013	Phase 4 - 10/2013	Phase 5 - 12/2013	Phase 6 - 5/2014	Rule Making 10/2014
1/2013	5/2013	10/2013	12/2013	5/2014	Rule Making

Current NRC R-COLA Review Schedule / Project Schedule Forecast

Phase 2 - 4/2013	Phase 3 - 8/2013	Phase 4 - 1/2014	Phase 5 - 3/2014	Phase 6 - 7/2014	Hearing - 12/2014
4/2013	8/2013	1/2014	3/2014	7/2014	12/2014



 Item Completed
 On-Track for Completion and will meet expectations
 Goal is in jeopardy or was not met, but impact of not meeting goal is acceptable
 Goal is in jeopardy or is not expected to be met; actions need to be developed/implemented

Phase 1 - RAs Issued to Applicant
 Phase 2 - SER w Open Items
 Phase 3 Sub - ACRS Sub-Committee

Phase 3 Full - ACRS Full Committee
 Phase 4 - SER w/o Open Items
 Phase 5 - ACRS / Phase 6 - Final SER

Through 2/14/12		Status & Open Items												
Chap	Luminant Chapter Lead	Phase Completion Dates							Next Phase Milestone	Res-pond ed	Actio n Appl	Open Items	Pot. Open Items	Issue details
		Phase 1	Phase 2	Phase 3 Sub	Phase 3 Full	Phase 4	Phase 5	Phase 6						
1	Conly / Reible	Complete								0	4		1	See Issue # 3
2	Various ¹	Complete	TBD	TBD					NRC issue SER w OI - TBD	2	0		0	See Issue # 2
3	Woodlan	Complete	TBD	TBD						0	6		14	See Issue # 1
4	Woodlan	Complete	5/21/2012	6/21/2012					NRC issue SER w OI - 5/21/12	0	0		0	
5	Woodlan	Complete	Complete	Complete					Conduct Full ACRS mtg - TBD	0	0	0	-	
6	Evans	Complete	6/10/2012	7/10/2012					NRC issue SER w OI - 6/10/12	0	2		2	
7	Clouser / Reible	Complete	3/27/2012	4/27/2012					NRC issue SER w OI - 3/27/12	0	0		0	
8	Evans	Complete	Complete	Complete					Conduct Full ACRS mtg - TBD	1	0	2	-	
9	Evans	Complete							NRC issue SER w OI - TBD	1	7		7	New RAI in 3/12
10	Conly	Complete	Complete	Complete					Conduct Full ACRS mtg - TBD	1	0	0	-	
11	Conly	Complete	Complete	Complete	6/1/2012				Conduct Full ACRS mtg - 6/1/12	0	0	2	-	
12	Evans	Complete	Complete	Complete	6/1/2012				Conduct Full ACRS mtg - 6/1/12	0	0	1	-	
13 ²	Conly / Reible	Complete	Complete	4/10/2012					Conduct Sub ACRS mtg - 4/10/12	2	0	2	-	
14	Test Prog	Complete	TBD	TBD					NRC issue SER w OI - TBD	0	1		10	
15	Woodlan	Complete	4/24/2012	5/24/2012					NRC issue SER w OI - 4/24/12	0	0		0	
16	Clouser	Complete	7/16/2012	8/16/2012					NRC issue SER w OI - 7/16/12	0	0		0	
17	Carver / Conly	Complete	7/16/2012	8/16/2012					NRC issue SER w OI - 7/16/12	0	0		0	
18	Clouser	Complete	3/11/2012	4/11/2012					NRC issue SER w OI - 3/11/12	0	0		0	
19	??? / Reible	Complete	7/16/2012	8/16/2012					NRC issue SER w OI - 7/16/12	3	0		0	See Issue # 4

Blue text indicates where DCD chapters will be presented at the same meeting

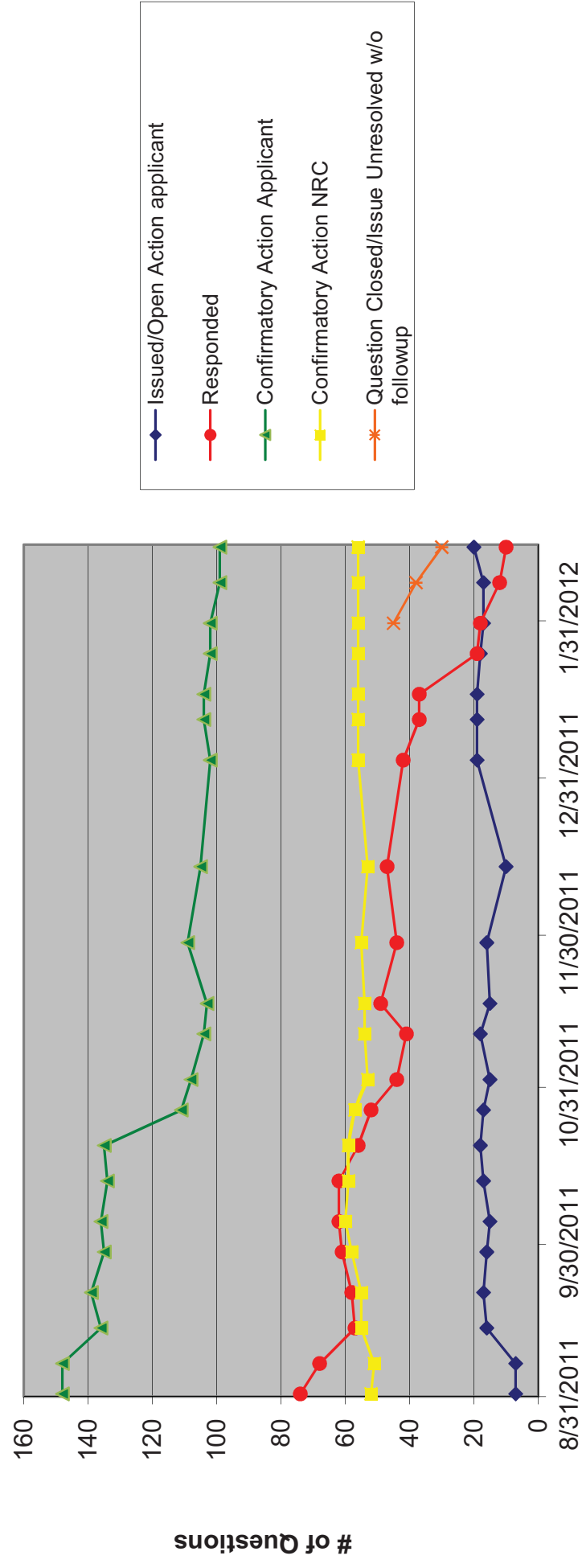
¹Ch 2 Leads: 2.1 Geography and Demography - ???; 2.2 Nearby Facilities - ???; 2.3 Meteorology - ???; 2.4 Hydrology - ???; 2.5 Geology, Seismology - ???

²Ch 13 does not include Security and FFD

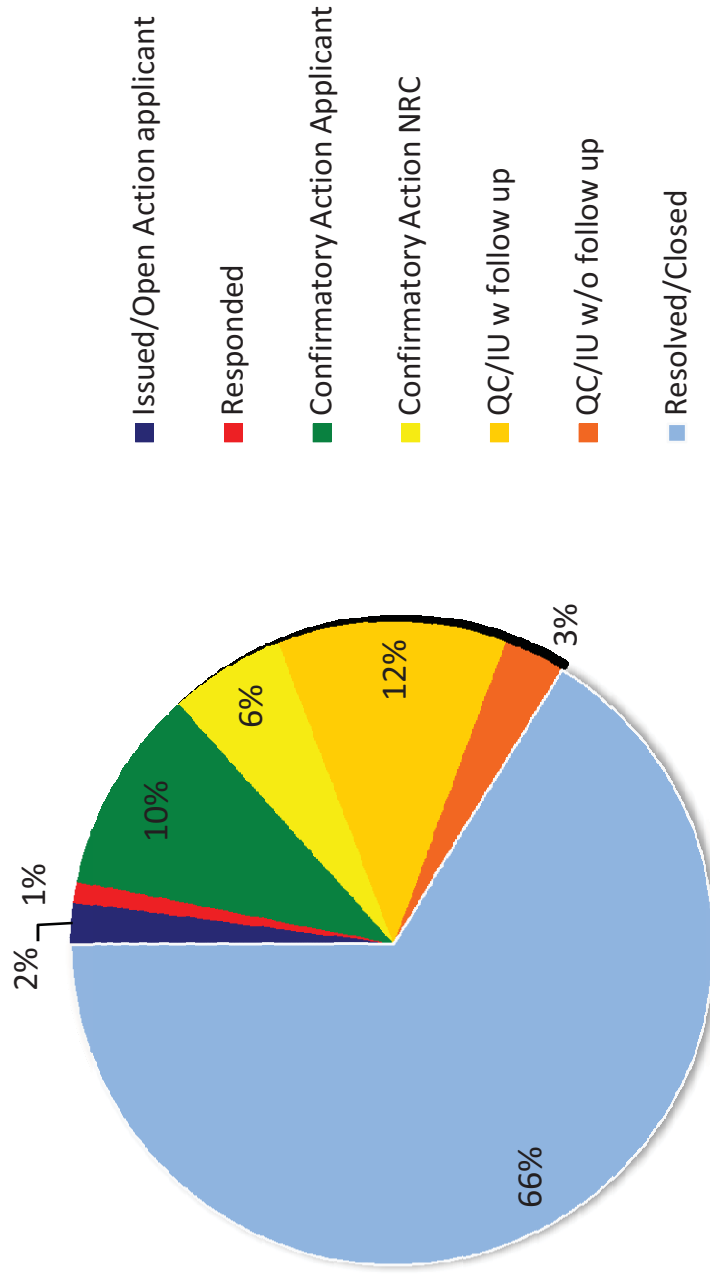
See
Issue # 5

Issues List				
Issue #	Owner	Issue Description	Resolution Plan	Resolution Date
1	Freitag	It is not known whether or not the site specific (COLA) activities that must follow the DCD seismic activities can be completed within the 2 month window currently factored into the project schedule	Determine R-COLA activities, durations, and logic and incorporate into the COLA project schedule; determine what site-specific aspects can proceed independent of the DCD Closure Plan; determine date when site-specific plan will be issued; final submittals to NRC committed to occur in June, 2012	MNES finalize DCD seismic schedule and incorp into Integrated R-COLA schedule by 2/29/12; Closure by June, 2012
2	Woodlan	Integrated review of Hydrology issues, including groundwater level and surface water issues	Schedule to be incorporated into the Integrated R-COLA schedule; public conference call planned for 12/20; final submittals to NRC planned for August, 2012; NRC reported they expect Hydrology Public meeting in Feb	MNES finalize DCD seismic schedule and incorp into Integrated R-COLA schedule by 2/29/12; Closure by August, 2012
3	Reible	Negation Plan - this issue needs to be addressed prior to Phase 4 for Part 1, otherwise there is a risk that this could restrain completion of Phase 4	The Luminant position has been submitted to the NRC. Additional discussions are planned prior to Phase 4	Prior to Phase 4
4	Woodlan	Risk Informed Tech Specs (RITS) - the NRC has communicated that approval of RITS is a challenge for the NRC and may be an issue for Phase 2	RAI 230 response issued 10/21/11. Next action is for the NRC to review RAI 230 response. At 1/4/12 conf call, the NRC indicated there would be a new RAI coming on this topic; at 1/31/12 conf call, NRC reported RAI still not written	NRC review of RAI 230 response - date 2/15/12
5	Woodlan	The NRC Staff has statused a number of RAI questions as "Responded", meaning that they have not completed their review of the responses. Many of these are > 90 days old.	NRC to complete the review of all RAI questions > 90 days old and identify any issues to Luminant.	Next update on 02/21/2012
6	Freitag	Incorporation of the DCD Seismic Closure Plan Case 1 Estimated Schedule extends the COLA date beyond that reflected in the December, 2011 NRC schedule.	Finalize DCD and then COLA seismic closure plans and communicate these to the NRC so that the schedules will be consistent with each other.	Refer to issue # 1

eRAI Question Status Trends



eRAI Question Status - 02/14/2012



Licensing Conference Calls

Cancel Filter

	Title	Description	RE	PM Status Update	Responded	
	08.02 RAI-182 (5116) Offsite Power	Question 08.02-29 regarding inaccessible cable monitoring program and 08.02-30 regarding anti-motoring protective relay for main generator output breaker. Luminant has determine that a clarifying conference call is needed and has so requested from NRC. Clarifying conference call held on 11/12, new due date 12/10. On 12/2, an extension was granted for one week to 12/17. Response submitted in TXNB-10087 dated 12/16/10. S01 issued 9/16/11 via TXNB-11060.	1	Confirmatory: 29 and 30. 30 also identified as Open Item. Question 08.02-30 changed from confirmatory to Responded in 9/20/11 eRAI Report. No change in 10/26/11 eRAI Report.	9/16/2011	
	19 RAI-230 (6001) TS Methodology	Question 19-16 with 10 parts. Luminant does not need a clarifying conference call at this time. Response submitted on 10/21/11 via TXNB-11067.	1	2012-01-04 update - NRC intends to issue follow-up questions via an RAI. 2/1/12 Update - status may be changed to Closed/Unresolved in upcoming eRAI report.	10/21/2011	
	02.05.02 RAI 168 (4725) Vibratory ground motion	Q 2.5.2-22 through 2.5.2-27 based on the Geology Audit and the review of the sensitivity study submitted to the NRC. Submitted response in TXNB-10059 (8-19-10). Supplemental response to question 26 provided by TXNB-11073 on 10/31/2011.	1	Not shown on eRAI: 26 Resolved/Closed: 22, 23, 24, 25 and 27 q 02.05.02-26 is listed in eRAI Table as RAI 6301 and has a status of Responded.	10/31/2011	
	02.05.04 RAI-233 (6115) Groundwater impact on seismic	Question 02.05.04-26. Followup information regarding the impact of changing groundwater level on slopes and sliding. On 11/18, the NRC staff approved a new due date of 12/2/11. Luminant responded in TXNB-11081 on 12/1/11.	1	Not listed on eRAI Table. 2/1/12 Update - NRC asked that Luminant resend the RAI response. 2/7/12 Luminant provided response and eRAI table changed Q 02.05.04-26 to Responded.	12/1/2011	
	10.04.08 RAI-237 (6166) SGBD	Q 10.04.08-3 asks for additional details. TXNB-11084 dated 12/8/11 provides the Luminant response.	1		12/8/2011	
	19 RAI-232 (6045) Screens External Events	Question 19-17 (7 parts), and 19-18 (5 parts). Relate to screens for external events and clarifications. These are follow-up questions to RAIs-165 and 166. Luminant needs to the 33 page table and address criterion used to screen external events. Refers to numerous other FSAR chapters and need to develop new discussions. 10/31/11 NRC granted an extension to 12/9/11. TXNB-11085 responded to RAI on 12/8/2011.	2	2/1/12 Update - status may be changed to Closed/Unresolved in upcoming eRAI report.	12/8/2011	
	13.06.01 RAI-234 (6068) Security	Questions 13.06.01-57 and 58. Followup questions concerning target sets and defense. Clarifying conference call held 11/2/11. Luminant to perform a table top. TXNB-11085 dated 12/8/11 provides the Luminant response.	2	Not on eRAI Table yet. A conference call held with NRC staff. Response will include commitment to update scenarios in HAE in Febr	12/8/2011	

	Followup	Final resolution of the issues is tied to the HAE report which will be issued by Mitsubishi on the DCD docket after the standard plant layout is finalized. ECD is June or July 2012.		uary 2012. This commitment will need to be rescheduled due to standard plant layout changes.		
	09.02.05 RAI-241 (6173) WB Temp	Q 09.02.05-17, Wet Bulb Temp for Cooling Tower calcs. Due date extended to 1/10/12 due to holidays. Response submitted via TXNB-12002 on 1/24/12. Response shows compliance with RG 1.27 and margin to address climate changes.	1		1/24/2012	

Totals: **Sum: 10**

Total: **8**