

## PMComanchePeakPEm Resource

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**Sent:** Tuesday, August 09, 2011 3:33 PM  
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**Subject:** 2011-08-09 Woodlan, Talking Points for tomorrow's COLA call  
**Attachments:** 2011-08-10 Talking PointsCPNPP Units 3 and 4.pdf

See attached.

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**Sent Date:** 8/9/2011 3:32:32 PM  
**Received Date:** 8/9/2011 3:30:02 PM  
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MESSAGE	662	8/9/2011 3:30:02 PM
2011-08-10 Talking PointsCPNPP Units 3 and 4.pdf		179336

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# 2011-08-10 CPNPP R-COLA Talking Points

Category	Title	Description	Action Required	Date
<p>CH: 00 Misc (8)</p>		<p>Luminant is interested in discussing each chapter/portion of the phase 2 review in detail, including the status of all RAIs which are not closed, all technical inputs and all draft SERs.</p> <p><b>Chapter 1</b> - Not required</p> <p><b>Chapter 2</b> - Several chapter reviews required for various portions of the chapter.</p> <p>Section 2.4 - discussions will be held during the hydrology audit 6/7-6/9/11.</p> <p>Section 2.5 - Conducted 5/3/11</p> <p><b>Chapter 3</b> - Dennis to propose date and time. Steve working on (5/11). Ch PM working on (5/18). <b>Nothing yet (6/1).</b></p> <p><b>Chapter 4</b> - IBRed, Not required</p> <p><b>Chapter 5</b> - Not required.</p> <p><b>Chapter 6</b> - Held 4/6/11. Steve to confirm status of two sections with Ruth Reyes (5/11). Steve will get back to us (5/18). Nothing yet (6/1).</p> <p><b>Possible sked delay (7-26 call).</b></p> <p><b>Chapter 7</b> - IBRed and no issues. Chapter review not req'd. <b>SE by late Sept (7-26 call)</b></p> <p><b>Chapter 8</b> - Held 2/28/11, follow-up completed on question status; supplemental information provided by Luminant. Conference call on OIs held on 7/14/11.</p> <p><b>Chapter 9</b> - Held 3/9/11. Discussions needed for subsections 9.4.5 and 9.5.2. Discussion on 5/23. No NRC updates. New RAI (5806) to be issued soon. Try chapter review again in mid- to late-June.</p> <p><b>Chapter 10</b> - No open issues. No review required.</p> <p><b>Chapter 11</b> - <b>SE by late Aug (7-27 call)</b></p> <p><b>Chapter 11 Review 8/24</b></p> <p><b>Chapter 12</b> - Call held on 5/24 to discuss chapter and RAI-135. Reviewer identified some more clarifications needed for RAI-135. It appears the open items on the spreadsheet are closed in the draft SE being prepared. <b>SE by late Aug (7-27 call)</b></p> <p><b>Chapter 12 Review 8/24</b></p> <p><b>Chapter 13</b> (w/o security or FFD) - Discussed with Mike Takacs 4/20/11. All RAIs closed, no open items.</p> <p><b>Chapter 14</b> - <b>Steve will talk with reviewer (6/1).</b></p> <p><b>Chapter 15</b> - IBRed and no issues, Not required</p> <p><b>Chapter 16</b> - Steve feels a review is not needed.</p> <p><b>Chapter 17</b> - 17.1 Complete. 17.4 complete. 17.6 complete.</p> <p><b>Chapter 18</b> - IBRed, Not required</p> <p><b>Chapter 19</b> - In late May Nick Saltos wants a Public Meeting or audit on RAIs 165, 166 (5/11). Steve will get back to us (5/18). <b>Luminant would like an update on RAI 191. (6/29 at 9am EDT.) Please update spreadsheet or discuss during COLA call. (Steve feels all questions are either closed or confirmatory).</b></p>	<p><b>NRC and Luminant agree on dates and times for subsequent conference calls.</b></p>	<p>6/29/2011</p>
<p>010 Logistics</p>	<p>Chapter Status</p>		<p><b>Ch 19: Steve said (6/29) all other RAI #191 Questions are Confirmatory items.</b></p>	

010 Logistics	Phase 2 Spreadsheet	Steve will change the background of all cells which were updated (including changes to the background color of the cell) to <b>light blue</b> . <b>White</b> means there is still ongoing review work. <b>Yellow</b> indicates an activity where Luminant is seeking closure. <b>Green</b> indicates activities where Luminant understands the status and further push does not seem necessary.	As of 5/4/2011, phase two is about 77% complete. As of 7/13/2011, phase two is about 87% complete.	7/20/2011
050 Future Letters	TXNB-110xx Licensing Basis Freeze	Luminant is preparing a letter to set a freeze date for the CPNPP COL licensing basis.	Luminant submit letter (mid to late August).	8/19/2011
075 Conference Calls	Status Call with all PMS	Discuss all chapters.	Provide detailed updates for Chapter 11 and 12 to support ACRS preparations.	8/24/2011
090 Action CPNPP	Hearing Petitions	With 2/25/11 order, the board denied the last contention and closed the proceedings. Intervenor filed a Petition for review on 3/11. Luminant and staff filed answers on 3/21. Intervenor submitted replies to Commission on 3/28 and 3/29. A joint petition submitted by multiple activists to stop COL reviews. Luminant and NRC Staff responded on 5/2/11.	Commissioners to respond to petition.	8/31/2011
090 Action CPNPP	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)	Luminant provide Oct 2011 update.	10/27/2011
120 ACRS	ACRS Full Committee Meeting	* Ch 5, 8 and 10 - September 9, 2011 (6/2) Stephen Monarque is developing the ACRS meeting schedules by SRP/COLA Chapter. Steve provided a spreadsheet with a draft schedule. * Chapter 5 (1/2 day), May 27 - COMPLETE. * Chapters 8, 10 Aug 17-18 * Chapters 5, 8, 10 FULL ACRS Sep 9 * Chapter 11, 12, & PRA Briefing (NRC), Oct 20 * Chapter 9 (DCD & COLA), Nov 29-30 (In doubt due to unresolved DCD issues. Chapter 7 may be moved up to fill this slot. Ch 9 may move to January.) * Chapter 4 (DCD & COLA), Dec 15-16 (Per 8/2 DCD call, this may move to Feb or Mar 2012) * Chapter 15 (DCD, COLA and Topicals) Jan 19, 2012 * Chapter 16, 18, Feb 23-24 * Chapter 7, 14, Mar 22-23 * Chapter 6, Apr 26-27 * Chapter 14, Summer 2012	NRC provide details re preparations.	9/9/2011
120 ACRS	ACRS Subcommittee Meeting Schedule		NRC - continue to provide updated schedules.	
<b>CH: 01 (4)</b>				
030 RAIs	1.10, Construction Impacts	NRC is considering an RAI re section 1.10 on construction impacts. Will be based on ISG-22 which is in draft.	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.	
037 Open Items	OI 01-1 RAI-154 DCD Reference	O1-1 Update COLA to reference DCD as approved by rulemaking - 2011. Luminant to address final DCD as adopted by rulemaking - 2011.	PLAN AGREED UPON - Luminant to reference Part 52 appendix and approved DCD.	9/30/2012

090 Action CPNPP	Response to Bulletin 2005-01	Commitment 8272: FSAR Table 1.9-220 has been revised to include compliance with NRC Bulletin 2005-01. A response to this bulletin will be submitted in a separate SGI letter prior to December 31, 2011.	Luminant, submit response to bulletin.	12/31/2011
133 Chapter Status	INTRODUCTION AND GENERAL DESCRIPTION OF THE PLANT	This is a summary status for the FSAR Chapter/ COLA Part. Confirmtry Iss - 1 OIs or UIs - 1 SER W/OI - <b>July 2011</b> ACRS Subc - ??	NRC complete SER W/OI	4/27/2011
<b>CH: 02 (12)</b>				
037 Open Items	OI 02.04.02-1 Surface Flooding	<b>Onsite Flooding from potential Intense Precipitation.</b> Need: Weakness in surface flooding calc need to be addressed. Not on NRC project status list as of 7/5/2011.	Luminant update the flooding calc. and the drainage plan and make available to NRC. RAI-139 S01 (Q 02.04.02-2).	9/15/2011
037 Open Items	OI 02.04.10-1	<b>Surface Flooding</b> 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) Not on NRC project status list as of 7/5/2011.	Luminant provide supplemental information to address needs. RAI-139 S01 (Q 02.04.02-2).  Challenge. May be delayed until mid-Sept.	9/15/2011
037 Open Items	OI 02.04.12-1 Groundwater	<b>Conceptual Model of Groundwater</b> Need: An overarching description of groundwater hydrology. Not on NRC project status list as of 7/5/2011.	Luminant, prepare and submit overarching description. Luminant to supplement 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 to be revised to properly reflect groundwater level.	8/30/2011
037 Open Items	OI 02.04.12-3 Groundwater	<b>Groundwater in existing soil structure</b> Need: Address different interpretations re groundwater in existing soil based on slow rise of level in some monitoring wells. <b>Based on the ties to OI 02.04.12-1, the submittal date moved to 8/30/11.</b> Not on NRC project status list as of 7/5/2011.	Luminant, incorporate alternate interpretations re groundwater in overarching description. Will probably be combined with response to OI 02.04.12-1. 1. Luminant to supplement RAI-147 (S02), Q 02.04.12-9 re shallow ground water.	8/30/2011
037 Open Items	OI 02.04.12-4 Leakage Paths	<b>Potential error in calculation</b> Luminant has provided a clarification which will be in COLA Rev. 2. Not on NRC project status list as of 7/5/2011.	Plan forward proposed by Luminant: NRC to review and consider closing as a resolved confirmatory item.	6/28/2011

037 Open Items	OI 02.04.12-5 and 02.04.13-2 Vertical Flow Paths	<p><b>Potential vertical leakage path</b></p> <p>Need: Quantitative assessment of a vertical leakage path to groundwater below.</p> <p>Not on NRC project status list as of 7/5/2011.</p>	<p>Luminant, pursue options to provide quantitative assessment. <b>RAI-145, Q 2.4.13-5, 6, and 7.</b></p>	8/30/2011
037 Open Items	OI 02.04.12-6 DCD Compliance	<p><b>Potential impact of seismic event on groundwater level</b></p> <p>Need: Address potential impact of seismic event on groundwater level.</p> <p>Not on NRC project status list as of 7/5/2011. See TXNB-11046 dated 7/14/2011.</p>	<p><b>Plan agreed upon: NRC review supplemental information (RAI-147 S01, Q 2.4.12-9 S).</b></p>	
037 Open Items	OI 02.04.13-3	<p><b>Horizontal Leakage Path for Tank Failure</b></p> <p>Need: Overarching description of leakage path and basis for assumptions used in the analysis. A description of the physics involved in assessing the leakage path.</p> <p>Areas of interest include groundwater dilution assumptions, SCR dilution assumptions, and effects of any installed drainage systems.</p> <p><b>Based on the ties to OI 02.04.12-1, the submittal date moved to 8/30/11.</b></p> <p>Not on NRC project status list as of 7/5/2011.</p>	<p><b>NRC to re-read responses to RAI-145.</b></p> <p><b>Luminant to prepare and provide 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 &amp; 7.</b></p>	8/30/2011
037 Open Items	OI 2.5.1-22 ??	<p>RAI 219 is an Open Item (Monarque 7-26-2011)</p> <p>Luminant will perform detailed geologic mapping of the excavations for the Comanche Peak Nuclear Power Plant, Units 3 and 4 nuclear island structures; examine and evaluate geologic features discovered in the excavations for safety-related structures other than those for the Units 3 and 4 nuclear islands; and notify the Director of the Office of New Reactors, or the Director's designee, once excavations for the Comanche Peak Nuclear Power Plant, Units 3 and 4 safety-related structures are open for examination by the NRC staff.</p> <p>NRC proposed a license condition and Luminant submitted a commitment in lieu of a licens condition. See RAI-219 and TXNB-11040 dated 6/6/2011.</p>	<p><b>Plan forward proposed by Luminant: NRC is tracking as an Open Item until they resolve it</b></p>	
037 Open Items	OI 2.5.2-26 re Local Low Level Earthquakes	<p>Open Item 2.5.2-26 (<b>RAI 168</b>) re local earthquakes in area of plant. Luminant responded to question in TXNB-10073 on October 21, 2010. Conference call held on 5/3/11. Luminant and NRC agreed to meet face-to-face to discuss this summer.</p>	<p><b>Luminant submit additional information mid-late Sept.</b></p>	9/26/2011
037 Open Items	OI 2.5.4-25 Concrete Backfill	<p>Monarque 7-26-2011: RAI 223 is an Open Item. In order to clarify that all fill under seismic Category 1 structures must be concrete backfill, not soil backfill, the staff requests the applicant provide an ITAAC for the concrete backfill. The requested ITAAC should establish inspection and test methods for the concrete fill. Luminant submitted a response on 7-28-2011 (TXNB-11049)</p>	<p><b>Plan forward proposed by Luminant: NRC review Luminant response.</b></p>	7/28/2011

133 Chapter Status	SITE CHARACTERISTICS	Cnfrmtry Iss - 10+ OIs or UIs - 10 Review complete - ?? SER W/OI - <b>December 2011.</b> ACRS Subc - <b>April or sooner?</b>	NRC complete reviews and tech input for SER W/OI. May iss an SE W/OI for chapter less section 2.4.	4/27/2011
<b>CH: 03 (9)</b>				
030 RAIs	03.07.02, RAI-221 (5798) SASSI and DCD Seismic	Questions 03.07.02-21 (SASSI issue) and 22 (impact of DCD seismic reviews on COL). A new due date of 7/22/2011 was agreed to on 6/17. Do not clarifying call. More time needed to develop a schedule to complete commitments. Extended to 8/5/11.	NRC review response submitted via TXNB-11054 on August 4, 2011.	8/5/2011
037 Open Items	OI 03.02.02-5	Question 3.2.2-5 from RAI 180 is an open item. The question asked for the codes and standards that applied to the list of site specific components which are designed to withstand the effects of earthquakes without loss of safety function. Luminant responded in TXNB-10081 dated 11/18/2010.	<b>Plan forward proposed by Luminant: NRC review Luminant response.</b>	
037 Open Items	OI 03.07.04-2	RAI 146 Question 3.7.4-2 is an Open Item re Seismic Instrumentation. Luminant responded to the question in TXNB-10026 dated 4/1/2010. Luminant provided a supplemental response in TXNB-11016 on 3/18/2011.	<b>Plan forward proposed by Luminant: NRC review the Luminant supplemental response.</b>	
037 Open Items	OI 3.7.1-9 Time Histories	Monarque 7-26-2011: RAI 222 is an Open Item Additional information that demonstrates the appropriateness of the selected time histories for the Comanche Peak site and how these represent the site-specific seismic response are needed in order for the staff to complete its safety review. Luminant response provided in TXNB-11048 on 7/19/2011.	<b>Plan forward proposed by Luminant: NRC review TXNB-11048 to determine if issue can be closed.</b>	
040 Recent Letters	TXNB-11054 RAI 221	SASSI Analysis and future seismic closure items.	NRC review response.	8/4/2011
060 Public Meetings	Integrated Seismis Closure Actions	Luminant to describe plans to close all seismic issues still pending. In large part, this involves resolution of final DCD design and water level resolution.	Luminant propose date and provide agenda.	8/19/2011
090 Action CPNPP	Integrated Seismic Closure Plan	Integrated seismic closure plan including all seismic issues such as RAI 221, 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.	Luminant develop and present to the NRC an integrated seismic closure plan at a public meeting with MHI in late Sept/early Oct 2011.	9/20/2011
090 Action CPNPP	Sliding of Buildings	The DCD seismic review is expected to generate a new COL Item requiring COL applicants to do a plant specific assessment the potential sliding of buildings. Applicants to apply appropriate shear key design from DCD.	Luminant to perform assessment.	10/31/2011
133 Chapter Status	DESIGN OF STRUCTURES, SYSTEMS, COMPONENTS, AND EQUIPMENT	Cnfrmtry Iss - 12 OIs or UIs - 2 SER W/OI - <b>October 2011</b> ACRS Subc - ??	Complete reviews and tech input for SER W/OI	4/27/2011
<b>CH: 04 (2)</b>				
120 ACRS	ACRS Chapter 4	December 15 and 16 - two day meeting. DCD and Topicals will be discussed at same meeting.	NRC update schedule. May slip into 2012.	12/15/2011



133 Chapter Status	REACTOR	Cnfrmtry Iss - 0 OIs or UIs - 0 Review complete - Complete SER W/OI - ?? ACRS Subc - <b>Dec 15-16</b>	NRC complete tech input for SER W/OI. Waiting for completion of DCD review. Go to ACRS subcommittee with DCD Chapter 4.	4/27/2011
<b>CH: 05 (1)</b>				
133 Chapter Status	REACTOR COOLANT AND CONNECTING SYSTEMS	Sections complete - 16/16 Cnfrmtry Iss - 6 OIs or UIs - 0 Review Complete SER W/OI - <b>Completed 4/29/11</b> ACRS Subc - <b>Completed 5/27/2011</b> <b>Full ACRS - 9/9/11</b>	<b>SER with Open Items issued. ACRS held on 5/27/11 - no followup questions.</b>	5/13/2011
<b>CH: 06 (2)</b>				
037 Open Items	OI 06.04-7 and OI 06.04-11	RAI 125 Question 6.4-7 re the ventilation system design and compliance with guidance is an Open Item. Luminant response provided by TXNB-10010 dtd 2/22/2010.  RAI 172, question 06.04-11 was a followup and was answered by TXNB-10069 dtd 10/6/11. The response to 06.04-11 revised the response to 06.04-7.  RAI-202, question 06.04-12 was another followup to the earlier questions. It was sent to the DCD and to CPNPP. The open issues are in the US-APWR standard design. MHI responded on March 9, 2011 in UAP-HF-11061 (RAI 691-5410 question 06.04-14)	<b>Plan forward proposed by Luminant: NRC complete review of Luminant and MHI responses. NRC provide clarification re what additional information or clarification is needed.</b>	
133 Chapter Status	ENGINEERED SAFETY FEATURES	Cnfrmtry Iss - 4 OIs or UIs - 2 Review complete - June 2011 SER W/OI - ?? ACRS Subc - <b>April 26-27, 2012</b>	<b>Complete reviews and tech input or SER W/OI</b>	4/27/2011
<b>CH: 07 (1)</b>				
133 Chapter Status	INSTRUMENTATION AND CONTROLS	Sections complete - 9/9 Cnfrmtry Iss - 0 OIs or UIs - 0 Review complete - Complete. Tech Input Sept 2011 SER W/OI - <b>December 2011</b> ACRS Subc - <b>March 22-23, 2012</b>	<b>Complete tech input for SER W/OI. Goes to ACRS subcommittee with DCD Chapter 7. Waiting to complete DCD review.</b>	4/27/2011
<b>CH: 08 (5)</b>				



037 Open Items	OI 08.02-1 Grid Stability and Time Delays	<p>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.</p> <p>MHI responded to RAI 687-5394 on 2/24/11 via UAP-HF-11049 (question 15.0.0-24).</p> <p>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. Draft responses by 8/3/11.</p> <p>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.</p> <p>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.</p> <p>Switching Station capability. Shared equipment. Information to close chapter 8 open item.</p> <p>August 17, 2011. Chapter 10 to be addressed at same meeting. SER w/OI issued. Luminant submitted slides to ACRS.</p> <p>Sections complete - 6/6 Cnfrmtry Itms - 5 OIs or UIs - 2 Review complete SER W/OI - <b>July 2011</b> ACRS Subc - <b>August 17 and 18, 2011</b></p>	<p><b>PLAN AGREED UPON.</b> NRC determine if DCD information is sufficient to resolve issues.</p> <p><b>Luminant to submit additional information along with DCD RAI 687 additional information.</b></p> <p><b>Plan forward proposed by Luminant: NRC review supplemental response to RAI-9 (S01) to confirm no impact from sharing.</b></p> <p><b>NRC review response.</b></p> <p><b>Make presentations.</b></p> <p><b>Technical input sent to SER writer.</b></p>	8/30/2011
037 Open Items	OI 8.1-1 GDC 5 Sharing SCCs	<p>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.</p> <p>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.</p> <p>Switching Station capability. Shared equipment. Information to close chapter 8 open item.</p> <p>August 17, 2011. Chapter 10 to be addressed at same meeting. SER w/OI issued. Luminant submitted slides to ACRS.</p> <p>Sections complete - 6/6 Cnfrmtry Itms - 5 OIs or UIs - 2 Review complete SER W/OI - <b>July 2011</b> ACRS Subc - <b>August 17 and 18, 2011</b></p>	<p><b>Plan forward proposed by Luminant: NRC review supplemental response to RAI-9 (S01) to confirm no impact from sharing.</b></p>	8/9/2011
040 Recent Letters	TXNB-11055 RAI 9	<p>Switching Station capability. Shared equipment. Information to close chapter 8 open item.</p> <p>August 17, 2011. Chapter 10 to be addressed at same meeting. SER w/OI issued. Luminant submitted slides to ACRS.</p> <p>Sections complete - 6/6 Cnfrmtry Itms - 5 OIs or UIs - 2 Review complete SER W/OI - <b>July 2011</b> ACRS Subc - <b>August 17 and 18, 2011</b></p>	<p><b>NRC review response.</b></p>	8/9/2011
120 ACRS	ACRS Ch 8 and 10	<p>August 17, 2011. Chapter 10 to be addressed at same meeting. SER w/OI issued. Luminant submitted slides to ACRS.</p> <p>Sections complete - 6/6 Cnfrmtry Itms - 5 OIs or UIs - 2 Review complete SER W/OI - <b>July 2011</b> ACRS Subc - <b>August 17 and 18, 2011</b></p>	<p><b>Make presentations.</b></p>	8/17/2011
133 Chapter Status	ELECTRIC POWER	<p>Sections complete - 6/6 Cnfrmtry Itms - 5 OIs or UIs - 2 Review complete SER W/OI - <b>July 2011</b> ACRS Subc - <b>August 17 and 18, 2011</b></p>	<p><b>Technical input sent to SER writer.</b></p>	4/27/2011
<b>CH: 09 (9)</b>				
037 Open Items	OI 09.04.01-01	<p>RAI 63 Question 9.4.1-1 is an Open Item. Question relates to MCR heater sizing. Response to RAI 63 provided by TXNB-09060 dtd 10/30/09.</p> <p>A supplemental response submitted via TXNB-10076 dtd 10/29/2010.</p> <p>A followup question (09.04.01-3 mixing of air) as asked via RAI 207 and Luminant responded via TXNB-11022 dated 4/13/11.</p>	<p><b>Plan forward proposed by Luminant: NRC review responses.</b></p>	4/27/2011
037 Open Items	OI 09.04.05-01	<p>RAI 110 Q 09.04.05-1 Update to heater ratings based on revised temperature range for CPNPP. The update was provided by TXNB-10076 on 10/29/10</p>	<p><b>PLAN AGREED UPON.</b> NRC determine if Luminant response to RAI is sufficient to close item.</p>	1/5/2011

037 Open Items	OI 09.04.05-4	RAI 123 Question 9.4.5-4 is an Open Item. Response to RAI provided via TXNB-09081 on December 16, 2009. Question 9.4.5-16 in RAI 213 is a followup question. Response submitted 5/6/11 in TXNB-11032. Luminant described missile protection for intake and exhausts for ESW and transfer pump rooms (6891) in the response to RAI 213.	Response to RAI provided via TXNB-09081 on December 16, 2009. Question 9.4.5-16 in RAI 213 is a followup question. Response submitted 5/6/11 in TXNB-11032. Luminant described missile protection for intake and exhausts for ESW and transfer pump rooms (6891) in the response to RAI 213.	4/28/2011	<b>Plan forward proposed by Luminant: NRC review responses and inform Luminant if more information is required.</b>
037 Open Items	OI 09.04.05-5 Pump Houses, Fire and Flood separation	RAI-123. Luminant response provided in TXNB-09081 dated 12/16/2011. Q 09.04.05-17 of RAI 5585 (CP RAI 213) was a followup question and Luminant's response was provided by TXNB-11032 dated May 6, 2011.	RAI-123. Luminant response provided in TXNB-09081 dated 12/16/2011. Q 09.04.05-17 of RAI 5585 (CP RAI 213) was a followup question and Luminant's response was provided by TXNB-11032 dated May 6, 2011.		<b>Plan forward proposed by Luminant: NRC review luminant responses.</b>
037 Open Items	OI 09.04.05-8 ESW Pump House Heating	RAI-123. Response submitted via TXNB-09081 on 12/16/2009. Q 09.04.05-13 of RAI 5585(CP RAI 213) was a followup question and was responded to by TXNB-11032 dated May 6, 2011.	RAI-123. Response submitted via TXNB-09081 on 12/16/2009. Q 09.04.05-13 of RAI 5585(CP RAI 213) was a followup question and was responded to by TXNB-11032 dated May 6, 2011.		<b>Plan forward proposed by Luminant: NRC review luminant responses.</b>
037 Open Items	OI 09.04.05-10 ESW Pump House Inst	RAI-123. Response provided by Luminant in TXNB-09081 dated December 16, 2009. Q 09.04.05-18 of RAI 5585 (CP RAI 213) was a followup question and Luminant responded via TXNB-11032 on May 6, 2011.	RAI-123. Response provided by Luminant in TXNB-09081 dated December 16, 2009. Q 09.04.05-18 of RAI 5585 (CP RAI 213) was a followup question and Luminant responded via TXNB-11032 on May 6, 2011.		<b>Plan forward proposed by Luminant: NRC review luminant responses.</b>
037 Open Items	OI 09.04.05-12	RAI 123 Question 9.4.5-12 is an Open Item. Response to RAI provided via TXNB-09081 on December 16, 2009. The question relates to the inspection and testing of UHS ESW Pump House equipment. It asks about flammable vapors. It includes the capability of backdraft dampers to withstand the effects of tornadoes and atmospheric differential pressure loading (factory testing is suggested). Test 14.2.12.1.114 lacks detail and does not address the heaters or system flow rates. Followup questions 9.4.5-14 (backdraft dampers) and 9.4.5-15 (room temperature) have been included in RAI-213. Luminant has responded to RAI-213 via TXNB-11032 dated May 6, 2011.	RAI 123 Question 9.4.5-12 is an Open Item. Response to RAI provided via TXNB-09081 on December 16, 2009. The question relates to the inspection and testing of UHS ESW Pump House equipment. It asks about flammable vapors. It includes the capability of backdraft dampers to withstand the effects of tornadoes and atmospheric differential pressure loading (factory testing is suggested). Test 14.2.12.1.114 lacks detail and does not address the heaters or system flow rates. Followup questions 9.4.5-14 (backdraft dampers) and 9.4.5-15 (room temperature) have been included in RAI-213. Luminant has responded to RAI-213 via TXNB-11032 dated May 6, 2011.	4/28/2011	<b>Plan forward proposed by Luminant: NRC identify any additional information or clarifications needed.</b>
040 Recent Letters	TXNB-11053 RAI 196 S01	Deletion of COL Items 9.5(7) and 9.5(9) which are no longer applicable.	Deletion of COL Items 9.5(7) and 9.5(9) which are no longer applicable.		<b>NRC review submittal.</b>
133 Chapter Status	AUXILIARY SYSTEMS	Sections complete - 22/31 Cnfrmtry Iss - 9 OIs or UIs - 1 Review complete - May 2011 SER W/OI - ?? ACRS Subc - <b>Best est. DCD and RCOLA in Jan 2012</b>	Sections complete - 22/31 Cnfrmtry Iss - 9 OIs or UIs - 1 Review complete - May 2011 SER W/OI - ?? ACRS Subc - <b>Best est. DCD and RCOLA in Jan 2012</b>	4/27/2011	<b>Complete reviews and tech input for SER W/OI.</b> <b>Working on DCD SE. COL SE to follow shortly thereafter.</b>
<b>CH: 10 (3)</b>					
100 Action NRO	COL Item 9.4(?) Sec Chem	DCD Rev 3 contained a new COL Item in the text that did not get picked up in the list at the end of the section and in the COLA: "The COL applicant will provide secondary side water chemistry threshold values and recommended operator actions for chemistry excursions, or provide a commitment to the latest version of the EPRI "PWR Secondary Water Chemistry Guidelines" in effect at the time of COLA submittal."	DCD Rev 3 contained a new COL Item in the text that did not get picked up in the list at the end of the section and in the COLA: "The COL applicant will provide secondary side water chemistry threshold values and recommended operator actions for chemistry excursions, or provide a commitment to the latest version of the EPRI "PWR Secondary Water Chemistry Guidelines" in effect at the time of COLA submittal."		<b>MHI will add the COL Item in the list of COL Items for DCD Section 10.4 and in DCD Section 1.8. COLA Sections 1.8 and 10.4 will be revised to address the Item.</b>
120 ACRS	ACRS Ch 8 and 10	August 17, 2011. Chapter 8 to be addressed at same meeting. SER w/ OI issued. Luminant submitted slides to ACRS.	August 17, 2011. Chapter 8 to be addressed at same meeting. SER w/ OI issued. Luminant submitted slides to ACRS.	8/17/2011	<b>NRC intends to issue an RAI.</b> <b>Make presentations.</b>

133 Chapter Status	STEAM AND POWER CONVERSION SYSTEM	Sections complete - 13/13 Cnfrmtry Iss - 0 OIs or UIs - 0 Review complete - Complete SER W/OI - <b>July 2011</b> ACRS Subc - <b>Aug 17-18, 2011</b>	Issue SER W/OI. Contractor has technical inputs to write SER draft. Completion is tied to completion of DCD SE.	
<b>CH: 11 (3)</b>				
030 RAIs	11.02, RAI-224 (5854) Evap Pone	Q 11.02-18, Sample Points for Evap Pond.	<b>Luminant respond.</b>	9/13/2011
037 Open Items	OI 11.02-4	RAI 29 Question 11.2-4 is an Open Item. Response provided by TXNB-09048 dtd 9/24/09. The question concerns the bypass of rad monitor and VLV-531. RAI 201, question 11.5-4 was a followup question seeking more clarification. Response submitted via TXNB-11022 dated 4/13/2011.	<b>Plan forward proposed by Luminant: NRC identify additional information or clarifications needed. Steve confirmed by phone on 8/3/11 that RAI 29 is closed.</b>	
133 Chapter Status	RADIOACTIVE WASTE MANAGEMENT SYSTEM	Sections complete - 8/8 Cnfrmtry Iss - 5 OIs or UIs - 1 Review complete - May 2011 SER W/OI - <b>Late August</b> ACRS Subc - <b>Oct 20-21 (Conly)</b>	Issue SER W/OI. Work is linked to 2.4.13 reviews.	
<b>CH: 12 (2)</b>				
037 Open Items	OI 12.03-12.04, RAI-135 Response Clarifications	This is not currently listed as an Open Item on the NRC's spread sheet. Some aspects of the Luminant response need clarification. NRC provided feedback on 1/24/2011. Luminant provided supplemental response in TXNB-11020 dtd 4/13/11.  Not on NRC project status list as Open Item as of 7/5/2011.  Luminant provided supplemental information re CST and ABB in TXNB-11050 on 7/28/2011.	<b>Plan forward proposed by Luminant:</b> <b>NRC review Luminant responses for closure.</b>	7/28/2011
133 Chapter Status	RADIATION PROTECTION	Sections complete - 6/6 Cnfrmtry Iss - 9 OIs or UIs - 3 Review complete - May 2011 SER W/OI - <b>Late August 2011</b> ACRS Subc - <b>October 20-21, 2011 (Evans)</b>	<b>Complete reviews and tech input for SER W/OI. Chapter review completed 2/7/2011.</b>	4/27/2011
<b>CH: 13 (2)</b>				
030 RAIs	Cyber Security		<b>NRC expects to issue RAI on Cyber Security.</b>	
133 Chapter Status	CONDUCT OF OPERATIONS	Sections complete - 16/16 Cnfrmtry Iss - 38 OIs or UIs - 0 Review complete - SER W/OI - <b>??</b> ACRS Subc - <b>??</b>	<b>Issue SE W/OIs.</b>	
<b>CH: 14 (2)</b>				
037 Open Items	OI 14.03.03-5	Q 14.03.03-5 of RAI 212 (5391) listed as an Open Item on the NRC spreadsheet of 5/18/11. A question concerning ITAAC and use of phrase "Seismic Category I piping". Luminant responded via TXNB-11021 dte 4/8/2011.	<b>Plan forward proposed by Luminant: NRC review Luminant response for closure of Open Item.</b>	

133 Chapter Status	VERIFICATION PROGRAMS	Cnfirmtry Iss - 4 OIs or UIs - 1 Review complete - <b>October 2011</b> SER W/OI - ?? ACRS Subc - <b>March 22-23, 2012 (expected to slip - maybe to June 2012 - needs to follow the other chapters)</b>	Complete reviews and tech input for SER W/OI	
<b>CH: 15 (1)</b>				
133 Chapter Status	TRANSIENT AND ACCIDENT ANALYSES	Cnfirmtry Iss - 0 OIs or UIs - 0 Review complete - <b>Complete</b> SER W/OI - <b>(Awaiting DCD SERs)</b> ACRS Subc - <b>Jan 19-20, 2011 (date not firm)</b>	Complete tech input for SER W/OI. Goes to ACRS subcommittee with DCD Chapter 15.	
<b>CH: 16 (1)</b>				
133 Chapter Status	TECHNICAL SPECIFICATIONS	Sections complete - 7/7 Cnfirmtry Iss - 12 OIs or UIs - 0 Review complete - <b>Complete</b> SER W/OI - ?? ACRS Subc - <b>Feb 23-24, 2011</b>	Complete reviews and tech input for SER W/OI. Out for secondary reviews. Digital I&C may be the most difficult. Updates may be needed as a result of DCD changes. RITS still under review (Methodology assigned to chapter 19).	
<b>CH: 17 (2)</b>				
037 Open Items	OI 17.05-9 RG Conformance	Per conference call on 4/12, this is only open item for Chapter 17 QA review. Luminant updated QAPD in a UTR and COLA Revision 2.	<b>PLAN AGREED UPON.</b> NRC review responses to close Open Items.	
133 Chapter Status	QUALITY ASSURANCE AND RELIABILITY ASSURANCE	Sections complete - 4/4 Cnfirmtry Iss - 12 OIs or UIs - 1 Review complete - 12/2010 Tech input - 12/30/2010 SER W/OI - Will be issued at same time as chapter 19. Being held up by DCD review of DRAP. ACRS Subc - <b>May 2012 (may slip to July)</b>	Complete reviews and tech input for SER W/OI. 17.04 (D-RAP) is linked to Chapter 19 review.	
<b>CH: 18 (1)</b>				
133 Chapter Status	HUMAN FACTORS ENGINEERING	Sections complete - 12/12 Cnfirmtry Iss - 0 OIs or UIs - 0 Review complete - Complete SER W/OI - <b>Novembe/December</b> ACRS Subc - <b>Feb 22-23, 2012</b>	Complete tech input for SER W/OI. Steve has written the draft SER for this IBR'ed chapter.	
<b>CH: 19 (4)</b>				
075 Conference Calls	RAIs 165 and 166	NRC may want a call to discuss these two RAIs related to PRA.	NRC arrange conference call, if needed, to discuss status of NRC review of these two RAIs. Nothing yet (6/23 call).	

090 Action CPNPP	Update SMA commitments	<p>These commitments (6481, 6491, 6641 and 6631) were originally due in mid 2010. Related matters are being tracked via PAIL item 6501. Tied to DCD seismic margins analysis which will not be completed until December 2010. Luminant submitted TXNB-10038 to change the due date to 3/31/2011.</p> <p>Because of delays in the review of the DCD seismic analysis work, an additional extension will be required. Luminant intends to submit an extension request by 3/15/2011.</p> <p>These matters primarily support Chapter 19 review but item 6501 may impact FSAR section 02.05.04.</p> <p>The methodology submitted June 2011.</p> <p>RAIs (or possibly conference calls/public meetings) August 2011.</p> <p>SE input October 2011.</p> <p>Discussion with Projects re schedule November 2011.</p> <p>Sections complete - 0/6 Cnfrmtry Iss - 0 OIs or UJs - 0 Review complete - May 2011 SER W/OI - <b>October 2011</b> ACRS Subc - <b>May 2012 (may slip to July 2012)</b></p>	<p><b>Luminant submitted a new closure milestone in TXNB-11013 dated 3/14/2011.</b></p>	3/30/2012
100 Action NRO	RITS Methodology Review		NRC review submittal.	8/31/2011
133 Chapter Status	PROBABILISTIC RISK ASSESSMENT AND SEVERE ACCIDENT EVALUATION		<p>Complete reviews and tech input for SER W/OI. RITS is pending.</p> <p><b>Ch 19: Steve said (6/29) all other RAI #191 Questions are Confirmatory items.</b></p>	
<b>CH: Part 01 Fin (3)</b>				
090 Action CPNPP	Negation Action Plan	<p>Discuss the potential for foreign influence. Call held on Thursday, 1/20, at 10am EST.</p> <p>Luminant assess NRC feedback and develop a plan to resolve. Luminant is standing by its submittal for now.</p> <p>Luminant is standing by the submitted plan at this time. May become an Open Item. Need to resolve before phase 6.</p> <p>Luminant submitted request to track as a Phase 2 Open Item on 7/28/11 (TXNB-11052).</p>	Luminant to re-initiate review.	6/29/2012
100 Action NRO	FOCD	TXNB-11052 requested NRC to track FOCD as a Phase 2 Open Item	NRC to grant or deny the request. NRC will respond in writing in the COLA schedule letter (8/3/11 call).	9/30/2011
133 Chapter Status	Administrative and Financial Information	<p>Sections complete - 0/3 Cnfrmtry Iss - 0 OIs or UJs - 0 Review complete - 11/2010 Tech input - ?? SER W/OI - See Chapter 1 ACRS Subc - NA</p>	Complete reviews and tech input for SER.	
<b>CH: Part 03 ER (3)</b>				

090 Action CPNPP	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.	12/31/2011
090 Action CPNPP	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.	12/31/2011
133 Chapter Status	Environmental Report	Sections complete - All DEIS - Issued Final EIS - Issued		
<b>CH: Part 04 TS (1)</b>				
133 Chapter Status	TECHNICAL SPECIFICATIONS AND BASES	Sections reviewed - 0/1 Cnfrmtry Iss - 0 OIs or UIs - 0 SER W/OI - See Chapter 16 ACRS Subc - See Chapter 16	Work with FSAR Chapter 16 review.	1/3/2011
<b>CH: Part 05 EP (1)</b>				
133 Chapter Status	Emergency Plan	Sections complete - 0/1 Cnfrmtry Iss - 0 OIs or UIs - 0 SER W/OI - See Chapter 13 ACRS Subc - See Chapter 13	Work with Chapter 13 review.	9/15/2010
<b>CH: Part 08 Sec (2)</b>				
090 Action CPNPP	Potential Revision to PSP	The PSP may have to be revised to address the "controlled access area" for storage of new fuel onsite before fuel load for Unit 3 using 10 CFR 73.67. See RAI 198, Exemption Request for Parts 30, 40, and 70	Luminant determine if plan update is required. If required, set a schedule to perform and submit.	12/31/2011
133 Chapter Status	Safeguards / Security Plans	Sections complete - 0/1 Cnfrmtry Iss - 0 OIs or UIs - 0 SER W/OI - NA ACRS Subc - NA	Review and issue SER for security and FFD by phase 4.	
<b>CH: Part 10 ITAAC (2)</b>				
100 Action NRO	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 CFR 30, 40, and 70.	NRC, when time is appropriate, initiate discussion of license conditions for CPNPP Units 3 and 4.	1/31/2013
133 Chapter Status	ITAAC and Proposed License Conditions	Sections complete - 0/1 Cnfrmtry Iss - 0 OIs or UIs - 0 SER W/OI - See Chapter 14 ACRS Subc - See Chapter 14	Work with FSAR Chapter 14 review.	

**CH: Part 11 QAPD (1)**

133 Chapter Status	COLA Enclosures	Sections complete - 0/1 Cnfirmtry Iss - 0 OIs or UIs - 0 SER W/OI - See Chapter 17 ACRS Subc - See Chapter 17	<b>Work with FSAR Chapter 17 review.</b>	
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Total: **87**