

## PMComanchePeakPEm Resource

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**From:** Monarque, Stephen  
**Sent:** Friday, August 30, 2013 9:17 AM  
**To:** ComanchePeakCOL Resource  
**Subject:** FW: 2013-08-28 Woodlan - COLA Licensing Status Call  
**Attachments:** 2013-08-28 Talking Points.pdf

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**From:** Woodlan, Don [<mailto:Donald.Woodlan@luminant.com>]  
**Sent:** Wednesday, August 28, 2013 12:37 PM  
**To:** Monarque, Stephen  
**Cc:** Bird, Bobby; Evans, Todd; Conly, John; Reible, Robert; [nicholas\\_kellenberger@mnes-us.com](mailto:nicholas_kellenberger@mnes-us.com); [Michael\\_Melton@mnes-us.com](mailto:Michael_Melton@mnes-us.com); [sean\\_ton@mnes-us.com](mailto:sean_ton@mnes-us.com)  
**Subject:** 2013-08-28 Woodlan - COLA Licensing Status Call

Steve,

I understand that today's call is being rescheduled for tomorrow. Please propose a time. On my calendar, both 12pm Eastern and 3pm Eastern look good. I have attached my latest talking points based on the eRAI table provided on Monday.

**Donald R. Woodlan**

Manager, Nuclear Regulatory Affairs

**Luminant Power**

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**From:** Monarque, Stephen

**Created By:** Stephen.Monarque@nrc.gov

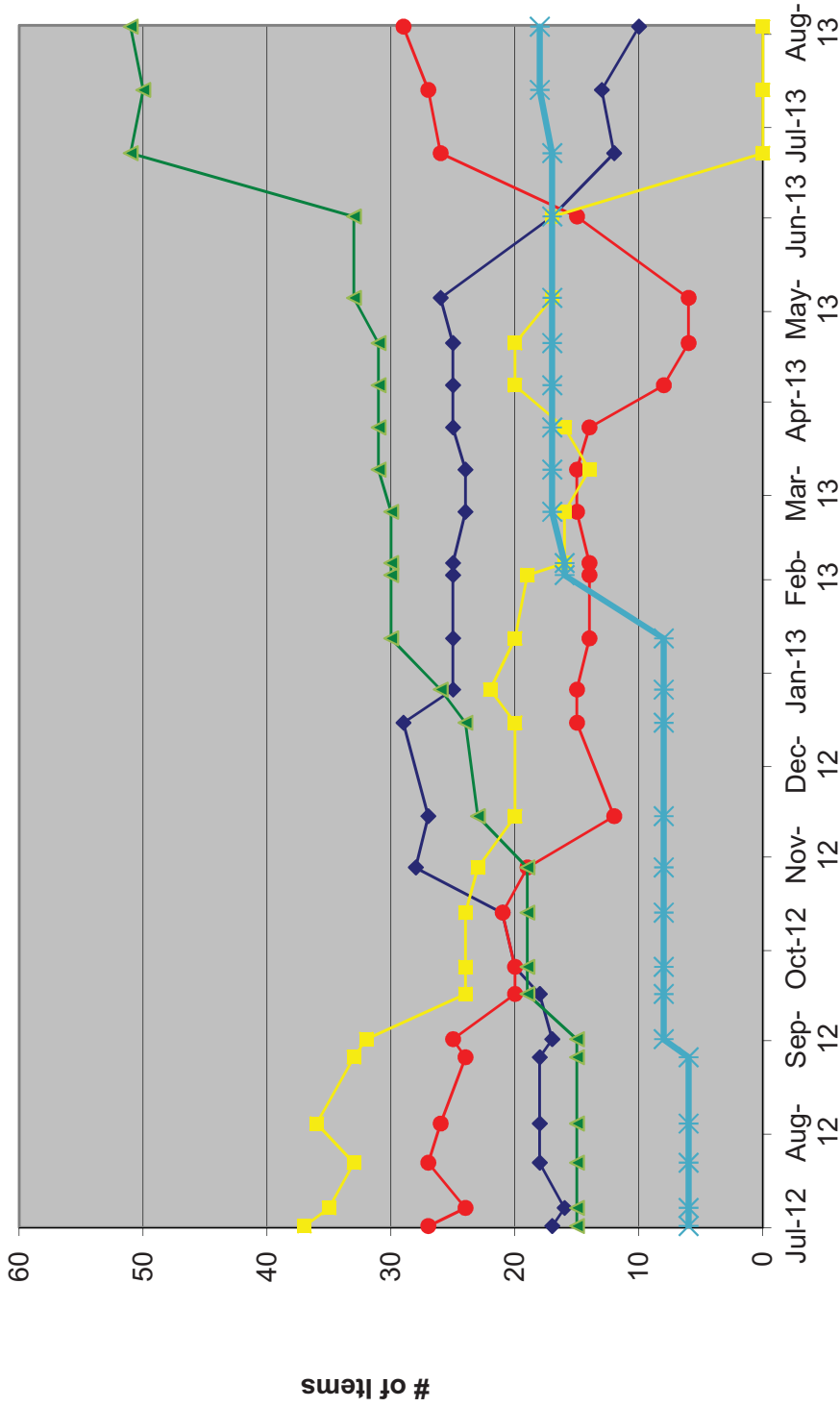
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### eRAI Question & SER Open Item Status Trends Since July 2012



# Licensing Conference Calls

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	Title ▼▲	Description	PM Status Update	Action Required	Date ▼▲
	<b>00 Misc (6)</b>				
<b>010 Logistics (2)</b>					
	Proposed Contention re Waste Confidence Rule	Our former interveners have file a petition with a proposed contention based on the court's rejection of the Waste Confidence Rule. Luminant needs to respond in 25 days.	Commission directed staff to resolve waste confidence and temporary waste storage issues within 24 months. <b>Luminant Question - which products, if any, still need to be sent to the hearing email address? (Luminant believes that it is no longer necessary to do so.)</b>	<b>Luminant and NRC staff responded to petition.</b>  <b>NRC staff to address based on direction from Commission.</b>	9/28/2014
	WCR Petition	A petition has been filed in 19 proceedings to hold in aveyance decisions in all pending reactor licensing proceedings based upon the recent court decision which vacated the waste confidence rule, 10 CFR 51.23.	In SECY-12-0132, NRC staff proposed that, if not resolved prior, COLAs will address in staff testimony for mandatory hearings. Commission charged staff to resolve within 24 months.  2013-06-24 update - staff expected to release draft resolution products to public soon.	<b>Luminant and NRC staff answered petition within 10 days.</b>  <b>NRC staff resolve within 24 months.</b>	9/28/2014
<b>080 Drop In Visits (1)</b>					
	Project Management/Administration Discussion	Luminant requested a drop in visit with projects PM and branch chief to discuss project administration and schedule analysis.	Luminant proposed 9/18, after the RCOLA ACRS briefings.	<b>NRC Confirm availability.</b>	9/18/2013
<b>090 Action CPNPP (2)</b>					
	Regulatory Commitments List	Periodically confirm with NRO the list of reg commitments. A report re closed commitments provided Quarterly. Luminant had no update in July 2012.	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), 4/23/12 (TXNB-12011), 10/30/12 (Conly email), 1/28/13 (Conly email), 4/29/13 (Conly email), 7/26/13 (Conly email)	<b>Luminant provide October 2013 update.</b>	10/31/2013
	FSAR R4 - TXNB-13002 Exemption Request	Exemption request to reschedule next FSAR revision to November 2013	2013-02-27 update - NRC is finalizing response and sending it out or internal review. Hope to issue by end of March. <b>2013-04-12 NRC report that EA sent to Fed Register. Letter to Luminant is ready to go.</b> <b>2013-05-01 update - waiting for Feg.</b>	<b>Exemption approved and approval letter issued.</b>	11/30/2013

		<p>Reg. number to insert into letter. Exemption approved and will be issued to Luminant soon. 2013-05-20 Approval published in Fed Reg.</p>		
<b>120 ACRS (1)</b>			<p>* Chap 5 (1/2 day), May 27 - COMPLETE.                  * Chap 8, 10 Aug 17-18 - COMPLETE                  * Chap 11, 12, &amp; PRA Briefing (NRC), Oct 20 - COMPLETE                  * Chap 15 (DCD, COLA and 2 Topicals) [July 9-10], 2012 - COMPLETE                  * Full Committee for Ch 5, 8, 10, 11 and 12 September 6, 2012 - COMPLETE                  * Chap 13 COLA, September 20, 2012, in the morning - COMPLETE                  * DCD Chap 15 Non-LOCA Topical, October 18. 2012 - COMPLETE                  * Chap 4 COLA, DCD, Fuel Topical - October 18 &amp; 19, 2012 - COMPLETE                  * COLA Chap16, 17 &amp; 19 (except SMA); DCD Chap 17 &amp; 19 (except two sections) - Feb 21-22,2013 - COMPLETE                  * ACRS Full Committee RCOLA Chs 4, 13, 15, 16, 17 and 19 (except SMA); DCD Chs 4, 15, 17 and 19 (except two sections) and 5 TeRs (4/11/13) - COMPLETE                  * COLA &amp; DCD - Chap 7; COLA - 2.0 to 2.3 (4/25 &amp; 26/13) - COMPLETE                  * COLA 14.3.9 and 18 re HFE (TBD)                  * COLA 3.7, 3.8, 14.3.2, 19.1.5.1.1 reSMA and 19.2.4 (est. July 2014)                  * COLA 2.4 and 2.5 (TBD - ECD May 2014)</p>	9/19/2013
	<p>ACRS Subcommittee Meeting Schedule</p>	<p>* DCD Chap 6 and TR 7001 Adv Acc ; <b>RCOLA Ch 6 (9/17-18/13)</b>                  * DCD Ch 3 (less 3.7 &amp; 3.8); <b>COLA Chap 3 (less 3.7 &amp; 3.8), and Ch 9 - (11/4-5/2013)</b>                  * DCD Ch 1 &amp; 14 (except 14.3.2 HF and 14.3.9 Structural) - RCOLA Ch 1 &amp; 14 (except 14.3.2 HF and 14.3.9 Structural) - <b>TBD</b>                  * ACRS Full Committee (12/5/13) tentatively RCOLA p2, p3, 6, 7, and 9</p>	<p><b>Luminant issue FSAR R4.</b></p>	
<b>01 (6)</b>				
<b>026 Overall Chapter Status (1)</b>				
	<p><b>IN PHASE 2</b></p>	<p>SER W/ OIs - TBD                  ACRS Subc - TBD                  ACRS Full - TBD                  ACRS W/O OIs - TBD                  Phase 4 (ASER W/O OIs) - TBD</p>	<p>NRC has noted that all of COLA Part 1 is review complete with no additional questions except for Negation Action Plan. One open item (1-1) re adoption of certified DCD.</p>	10/10/2012
<b>030 IW - Issued/Waiting for Response RAIs (1)</b>	<p>1 - INTRODUCTION AND GENERAL DESCRIPTION OF THE PLANT</p>		<p><b>NRC provide schedule for SE. NRC complete SER W/ OIs</b></p>	
		<p>Three questions re actions to be taken Post-Fukushima.</p>	<p>Luminant provided a schedule to develop and submit complete responses to address the recommendations. These</p>	

<p>01.05-1 Seismic Hazard Evaluation (Recommendation 2.1) 01.05-2 Spent Fuel Instrumentation (Recommendation 7.1) 01.05-3 Emergency Planning (Recommendation 9.3) Luminant provided schedules for these three recommendations re TXNB-12027 dated 7/24/12. <b>Supplemental response to 01.05-1 provided by TXNB-13020 on 6/19/13.</b> Supplemental responses to 01.05-2 and 3 provided by TXNB-13026 on 8/1/13.</p>	<p>activities are being tracked by commitments. <b>Question 01.05-1</b> - In Evaluation <b>Question 01.05-2</b> - In Evaluation <b>Question 01.05-3</b> - Issued, Waiting for response 2031-04-15 eRAI update - Q3 fm IE to IW 2013-08-01 update - TXNB-13026 and 13025 closed remaining commitments. 2013-08-05 update - q1 from IW to IE 2013-08-26 update - Q2 fm IW to IE</p>	<p><b>NRC review responses and update question status as appropriate.</b> <b>Luminant provide supplemental responses to questions 2 and 3 per commitments.</b></p>	<p>8/1/2013</p>
<p><b>035 IE - In Evaluation RAIs (1)</b></p>			
<p>01.05 RAI-269 (6929) Rec 4.2</p>	<p>COL item re NTTF Recommendation 4.2 for mitigating strategies. Luminant responded via TXNB-13001 on 1/17/2013.</p>	<p><b>Question 01.05-4</b> - In Evaluation 2013-01-09 - Luminant informed NRC that the response will be modeled after the approach taken for programs in Chapter 13. An FSAR update will include a table which lists post-COL Fukushima actions and a licensing condition to control the completion of those actions. NRC confirmed that a response of this nature is acceptable for review.</p>	<p>1/17/2013 <b>NRC review response.</b></p>
<p><b>041 OI - SER Open Item (1)</b></p>			
<p>01-03 RAI-154 (4494) DCD Reference Open Item</p>	<p><b>Question 01.01-3</b> Update COLA to reference DCD as approved by rulemaking. Luminant to address final DCD as adopted by rulemaking - 2011. <b>Open Item 1-1</b> Referenced in several other SEs (e.g., chapet 8)</p>	<p>SER Open Item: Question 01-3. No update in 10/26/2011 eRAI Report. Question status is "Waiting for Official Response" <b>Question 01.03-3</b> - Issued Waiting for Response</p>	<p>12/31/2015 <b>PLAN AGREED UPON - Luminant to reference Part 52 appendix and approved DCD.</b> <b>Luminant respond after US-APWR certification is complete.</b></p>
<p><b>070 Site Visits/Audits (1)</b></p>			
<p>ISG 22, Impact on operating units</p>	<p>Potential audit on site to assess Luminant's plans to address potential impacts on operating units, including emergency plans.</p>	<p>Time frame is 2013. Will be based on ISG-22. Luminant updated the FSAR re construction impacts on operations via TXNB-11090, FSAR R2 UTR R0, dated 12/20/11.</p>	<p><b>NRC propose dates for visit.</b></p>
<p><b>100 Action NRO (1)</b></p>			
<p>COLA update re Fukushima - FSAR R3 UTR R2</p>	<p>Luminant to update the FSAR and other appropriate parts of the COLA to reflect Fukushima recommended actions. Submitted via TXNB-13025 on 8/1/13. Adds a new appendix 1B to address Fukushima NTTF items.</p>	<p>2013-03-19 Update - submittal date changed to 8/9/13 to be consistent with RAI-261 commitments.</p>	<p>8/1/2013 <b>Luminant-submit COLA updates via FSAR R3 UTR R2.</b> <b>NRC review as appropriate to issue COL.</b></p>
<p><b>E 02 (16)</b></p>			

<b>026 Overall Chapter Status (3)</b>					
2.4 - Hydrology	<p><b>Phase 2</b></p> <p>2.4 Hydrology SER W/ OIs - TBD ACRS Subc - TBD ACRS Full - TBD ACRS W/O OIs - TBD</p>	<p>2013-03-26, Red-line strike-out update of IHCP and ISCP provided to NRC.</p> <p>2013-04-18 NRC requested a clean update to the IHCP.</p> <p>Update 2 to IHCP provided 5/1/13 via TXNB-13014.</p> <p>2013-08-16 update - the NRC is developing a review schedule and may have a review completion date by end of August.</p>	<p><b>Luminant provide IHCP Products.</b></p> <p><b>NRC complete reviews and SER.</b></p>	5/3/2013	
2.5 - Geotechnical	<p><b>Phase 2</b></p> <p>2.5 Geology SER W/ OIs - TBD ACRS Subc - TBD ACRS Full - TBD ACRS W/O OIs - TBD</p>	<p>A time frame for 2.4 and 2.5 should be proposed (after IHCP submittals/reviews).</p> <p>2013-03-26, Red-line strike-out update of IHCP and ISCP provided to NRC.</p> <p>2013-04-03 update - NRC reviewed revised closure plan dates. The new date for RAI-233 does not have an impact on the overall review schedule.</p> <p>Update 2 to IHCP provided 5/1/13 via TXNB-13014.</p>	<p><b>Luminant provide IHCP Products.</b></p> <p><b>NRC complete reviews and tech input for SER W/OI.</b></p>	5/3/2013	
2.0 to 2.3 - Geo/Demo/Local Facil/Meteor	<p><b>Phase 3</b></p> <p>2.0-2.3 SER W/ OIs -March 11, 2013 <b>Complete</b> ACRS Subc - April 25 &amp; 26, 2013 <b>Complete</b> ACRS Full - 12/5/2013 ACRS W/O OIs - TBD</p>	<p><b>One section 2.0-2.3 open item:</b></p> <p><b>Open Item 2.3.4</b> - MCR and TSC X/Q values. (Values provided in FSAR R3 UTR R0 submitted via TXNB-13003 dated 2/28/13)</p> <p>2013-03-22 update - Luminant confirmed SE contains no material to be withheld from public. Some minor suggested corrections identified.</p>	<p><b>NRC review FSAR R3 UTR R0 to close open item.</b></p> <p><b>NRC address Luminant suggestions re SE.</b></p>	11/7/2013	
<b>041 OI - SER Open Item (1)</b>					
02.3.4 Atmo Dispersion Open Item	Provide MCR and TSC X/Q values. Values provided in FSAR R3 UTR R0 via TXNB-13003 dated 2/28/13)		<b>NRC review UTR to close Open Item and prepare ASER.</b>	2/28/2013	
<b>094 Complete Closure Plan Activity (10)</b>					
	<b>RAI-147</b>	<p><b>Questions 02.04.12-10, 13, 14, 15 and 16</b> - In Evaluation</p> <p><b>Questions 02.04.12- 8, 9, 11, 12 and 17</b> - In Evaluation</p> <p>NRC issued white paper 10/12/11. Conf call held 10/26/11. White paper provided which included many of the</p>			

<p>Q 2.4.12-8 to 17 Response = meeting +60days. Luminant submitted draft meeting materials (TXNB-10039 6/1). Public meeting held 6-28-2010. See TXNB-10060 of 8/26/10. Supplement provided in TXNB-11057 dated <b>8/29/2011</b>. Supp 03 provided in TXNB-11082 on 11/28/11. Included fill properties and extent of above ground fill. S04 provided via TXNB-13013 on 4/29/13.</p>	<p>basic parameters needed to address hydrology, groundwater and leakage paths. Public meeting held 3/27/12. To be revised/supplemented as part of IHCP.  4 of 5 CNs in COLA R2. Q02.04.12-8 not in COLA R2 6/28/2012 update - Changed 5 questions from Confirmatory to Issued pending implementation of IHCP. Per Update 1, the planned submittal for RAI-147 related topics is changed from 3/29/13 to 1/31/13.  2013-07-15 update - all questions changed to In Evaluation.</p>	<p><b>NRC review responses as supplemented by S04.</b>  4/29/2013</p>
<p><b>RAI-147 related.</b> Luminant, prepared and submitted an overarching description. Luminant supplemented <b>RAI-147 (S02), Q 02.04.12-8</b> re ground water flow in Glen Rose Formation. Response to <b>RAI-22 Q 02.04.05-11</b> 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. S04 provided via TXNB-13013 dated 4/29/13.</p>	<p>NRC issued a white paper 10/12/11. Conf call held 10/26/11.  2/14/12 Update. Questions 02.04.12-10, 13, 14, 15, 16 are Resolved/Closed. Questions 02.04.12-11, 12, 17, 8, and 9 are confirmatory.  4/17/12 Update - Discussed during 3/27/12 Public Meeting on hydrology.  <b>See updates re submittal for RAI-147.</b>  Per Update 1, the planned submittal for RAI-147 related topics is changed from 3/29/13 to 1/31/13.  2013-03-19 Update - due to issues re finalizing the GWL Model and Calculations, the submittal date has been moved from 3/29/13 to 4/30/13.</p>	<p><b>NRC review supplement.</b>  4/29/2013</p>
<p><b>RAI-147 related</b> <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. Luminant, incorporate alternate interpretations re groundwater in overarching description. Luminant supplement RAI-147 (S02), Q 02.04.12-9 re</p>	<p>NRC issued a white paper 10/12/11. Conf call planned for 10/26/11. In lieu of a conference call, a public meeting is planned for 3/20/12.  2/14/12 Update: Questions 02.04.12-10, 13, 14, 15, 16 are Resolved/Closed. Questions 02.04.12-11, 12, 17, 8, and 9 are confirmatory.  4/17/12 Update - Discussed during 3/27/12 Public Meeting on hydrology. 4/26/12 update. Luminant provided an updated white paper to NRC and asked for a conference call.</p>	<p><b>NRC review supplement.</b>  4/29/2013</p>



	<p>shallow ground water. See TXNB-11057 dated 8/29/2011. S04 provided via TXNB-13013 dated 4/29/13.</p>	<p>Per Update 1, the planned submittal for RAI-147 related topics is changed from 3/29/13 to 1/31/13. <b>See updates re submittal for RAI-147.</b></p>		
<p>02.04.02 RAI-139 (4309) Flood Calc</p>	<p>Q 2.4.2-2. Will develop responses by modifying current calculations and conclusion that SBR is not a proposed feature. See TXNB-10052 dated 7/16/10. RAI-139 Supplement issued 10/21/11 via TXNB-11066.  Supplemental response to RAI-139 provided via TXNB-13016 on 5/13/13. Revised disc sent 6/19/13 to remove incorrect proprietary label.</p>	<p><b>Question 02.04.02-2</b> - In Evaluation  NRC issued white paper on 11/12/11. Conference call held on 12/1/11. Several items identified for clarification by Luminant. All but one are impacted by the changes in the DCD Layout. Luminant to update 12/31/12 as part of IHCP. 6/28/2012 update - Changed from Confirmatory to Issued pending implementation of IHCP. Per Update 1, the planned submittal for RAI-139 related topics is changed from 12/31/12 to 4/30/13. <b>2013-06-24 update - question changed from IW to IE</b>  2013-03-19 Update - due to issues re finalizing the GWL Model and Calculations, the submittal date has been moved from 4/30/13 to 5/17/13.</p>	<p><b>Updates planned as part of HHEP on 4/30/2013 5/17/2013.</b>  <b>NRC continue review with supplemental response.</b></p>	<p>5/13/2013</p>
<p>02.04.02-1 Surface Flooding Open Item</p>	<p><b>Onsite Flooding from potential Intense Precipitation.</b> 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).  Supplemental response to RAI 139 provided via TXNB-13016 on 5/13/13.</p>	<p>NRC issued a white paper 10/12/11. Conf call held on 12/1/11. Calculations are impacted by standard plant layout changes and will need to be updated. 2/14/12 Update - RAI-139 is now confirmatory in eRAI Table. 4/17/12 Update - Discussed during 3/27/12 Public Meeting on hydrology.  Per Update 1, the planned submittal for RAI-139 related topics is changed from 12/31/12 to 4/30/13.  2013-03-19 Update - due to issues re finalizing the GWL Model and Calculations, the submittal date has been moved from 4/30/13 to 5/17/13.</p>	<p><b>Luminant to address/update as part of HHEP in a 4/30/2013 5/17/2013 supplement to RAI-139.</b>  <b>NRC continue review with supplemental information.</b></p>	<p>5/13/2013</p>
	<p><b>Surface Flooding</b> Need: Discussion re erosion due to</p>	<p>NRC issued a white paper 10/12/11. Conf call held 12/1/11. Calculations are impacted by standard plant layout changes and will need to be updated.</p>		

<p>02.04.10-1 Surface Flooding Open Item</p>	<p>onsite flooding and drainage, the impact of 3 &amp; 4 drainage on 1 &amp; 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.  RAI 139 supplemental response provided via TXNB-13016 on 5/13/13.</p>	<p>2/14/12 Update - RAI-139 is now confirmatory in eRAI Table.  4/17/12 Update - Discussed during 3/27/12 Public Meeting on hydrology.  Per Update 1, the planned submittal for RAI-139 related topics is changed from 12/31/12 to 4/30/13.  2013-03-19 Update - due to issues re finalizing the GWL Model and Calculations, the submittal date has been moved from 4/30/13 to 5/17/13.</p>	<p><del>Luminant to address/update as part of HEP on 4/30/2013 5/17/2013.</del>  NRC consider supplemental response during review.</p>	<p>5/13/2013</p>
<p>02.04.12-4 Leakage Paths Open Item</p>	<p><b>Potential error in calculation</b> Luminant has provided a clarification which was included in COLA Rev. 2 dated 6/28/11.  Response to RAI-145 Supplement 2 provided by TXNB-13018 on 5/28/13.</p>	<p>NRC issued a white paper 10/12/11. Conf call planned for 10/26/11. In lieu of conference call, public meeting planned for 3/20/12.  2/14/12 Update: All RAI-145 questions are now Confirmatory.  4/17/12 Update - Discussed during 3/27/12 Public Meeting on hydrology.  Per Update 1, the planned submittal for RAI-145 related topics is unchanged.  2013-03-19 Update - due to issues re finalizing the GWL Model and Calculations, the submittal date has been moved from 3/29/13 to 4/30/13.  2013-04-22 update - per conference call between Luminant and NRC staff, it is preferable that Luminant submit a response with the corrected DCD source term in July or August of 2013.  2013-05-15 update - Luminant has determined that DCD update will not impact RAI 145 response. New submittal date is projected to be late May 2013.</p>	<p><del>Luminant to address/update as part of HEP including a supplement to RAI-145. Luminant to provide input/output files for RESRAD model.</del>  <del>Update FSAR 2.3.13 3/29/2013-4/30/2013 July or August 2013.</del>  NRC review response supplement 2.</p>	<p>5/28/2013</p>
<p>Q 2.4.13-5, 6, 7 Response in 90 days after the meeting depending on</p>	<p>Assumptions, inputs being used, and calc methods were discussed in a public meeting 6-28-2010. Q 2.4.13-5, 6, 7 Response in 90 days after the meeting depending on</p>	<p>Q 02.04.13-5, 6, and 7. Based on eRAI dated 8/31/2011 were statused as confirmatory. Supp response submitted 8/29/11. 9/28/11 eRAI Report, changed from Confirmatory to Responded. NRC issued white paper 10/12/11. Conf call held 10/26/11. Public meeting cancelled. Public conference call planned for week of December 12, 2011. 2/7/12 Changed from Responded to</p>	<p><b>Revised response to be provided 3/29/2013</b></p>	

<p>02.04.13, RAI-145(4315) Rad Liq Release</p>	<p>results. Luminant submitted draft meeting materials (TXNB-10039 6/1). Luminant response submitted via TXNB-10063 on 9/16/10. Supplemental responses submitted via TXNB-11057 on 8/29/11.</p> <p>Response to RAI-145 Supplement 2 provided by TXNB-13018 on 5/28/13.</p>	<p>Confirmatory. Response to be revised/supplemented as part of IHCP. 6/28/2012 update - Changed from Confirmatory to Issued pending implementation of IHCP. Per Update 1, the planned submittal for RAI-145 related topics is unchanged. <b>Questions 02.04.13-5, 6 and 7</b> - In Evaluation <b>2013-06-24 update.</b> Question 5 and 6 moved to In Evaluation. 2013-07-15 update - question 7 moved to in evaluation. NRC issued a white paper 10/12/11. Conf call held 10/26/11. In lieu of conferenc call, a public meeting is scheduled for 3/20/12. 2/14/12 Update: All RAI-145 questions are now Confirmatory. 4/17/12 Update - Discussed during 3/27/12 Public Meeting on hydrology. Per Update 1, the planned submittal for RAI-145 related topics is unchanged. 2013-03-19 Update - due to issues re finalizing the GWL Model and Calculations, the submittal date has been moved from 3/29/13 to 4/30/13. 2013-04-22 update - per conference call between Luminant and NRC staff, it is preferable that Luminant submit a response with the corrected DCD source term in July or August of 2013. NRC preparing detailed comments to be followed by a conference call (10/26). In lieu of a conference call, a public meeting is scheduled for 3/20/12. 2/14/12 Update: eRAI table shows the status for Question 02.04.13-3 as Resolved/Closed. Questions 5, 6, and 7 are shown as Confirmatory. 4/17/12 Update - Discussed during 3/27/12 Public Meeting on hydrology. Per Update 1, the planned submittal for RAI-145 related topics is unchanged. 2013-03-19 Update - due to issues re</p>	<p>4/30/2013 July or August in-late May 2013 as part of IHCP. NRC review RAI-145 S02</p>	<p>5/28/2013</p>
<p>02.04.12-5 and 02.04.13-2 Vertical Flow Paths Open Item</p>	<p><b>Potential vertical leakage path</b> 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. Response to RAI-145 Supplement 2 provided by TXNB-13018 on 5/28/13.</p>	<p>NRC issued a white paper 10/12/11. Conf call held 10/26/11. In lieu of conferenc call, a public meeting is scheduled for 3/20/12. 2/14/12 Update: All RAI-145 questions are now Confirmatory. 4/17/12 Update - Discussed during 3/27/12 Public Meeting on hydrology. Per Update 1, the planned submittal for RAI-145 related topics is unchanged. 2013-03-19 Update - due to issues re finalizing the GWL Model and Calculations, the submittal date has been moved from 3/29/13 to 4/30/13. 2013-04-22 update - per conference call between Luminant and NRC staff, it is preferable that Luminant submit a response with the corrected DCD source term in July or August of 2013. NRC preparing detailed comments to be followed by a conference call (10/26). In lieu of a conference call, a public meeting is scheduled for 3/20/12. 2/14/12 Update: eRAI table shows the status for Question 02.04.13-3 as Resolved/Closed. Questions 5, 6, and 7 are shown as Confirmatory. 4/17/12 Update - Discussed during 3/27/12 Public Meeting on hydrology. Per Update 1, the planned submittal for RAI-145 related topics is unchanged. 2013-03-19 Update - due to issues re</p>	<p>Luminant to address/update as part of IHCP and as part of the supplement to RAI-145 3/29/2013 4/30/2013 July or August in-late May 2013. NRC review RAI-145 S02.</p>	<p>5/31/2013</p>
<p>02.04.13-3 RAI-145 Open Item</p>	<p><b>Horizontal Leakage Path for Tank Failure</b> 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. 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</p>	<p>NRC preparing detailed comments to be followed by a conference call (10/26). In lieu of a conference call, a public meeting is scheduled for 3/20/12. 2/14/12 Update: eRAI table shows the status for Question 02.04.13-3 as Resolved/Closed. Questions 5, 6, and 7 are shown as Confirmatory. 4/17/12 Update - Discussed during 3/27/12 Public Meeting on hydrology. Per Update 1, the planned submittal for RAI-145 related topics is unchanged. 2013-03-19 Update - due to issues re</p>	<p>Luminant to address/update as part of IHCP and as part of the supplement to RAI-145 3/29/2013 4/30/2013 July or August in-late May 2013.</p>	<p>5/31/2013</p>

	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. Response to RAI-145 Supplement 4 provided by TXNB-13018 on 5/28/13.		finalizing the GWL Model and Calculations, the submittal date has been moved from 3/29/13 to 4/30/13.  2013-04-22 update - per conference call between Luminant and NRC staff, it is preferable that Luminant submit a response with the corrected DCD source term in July or August of 2013.	<b>NRC review RAI-145 S02.</b>	
<b>095 Close Plan Activity (2)</b>					
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.		2012-04-27 update. Included in IHCP and response scheduled for 2/28/2012. Per Update 1, the planned submittal for RAI-233 related topics is changed from 2/28/13 to 5/31/13.  <b>Question 02.05.04-26 - Issued/Waiting for Response</b>  2013-03-19 Update - due to issues re finalizing the GWL Model and Calculations and the need to complete the SSI evaluations before resolving these issues, the submittal date has been moved from 5/31/13 to 9/30/13.  2013-07-30 update - still on schedule for a 9/30 submittal but schedule is tight and submittal could slip a week or two.	<b>Luminant to address/update as part of IHCP and scheduled date for supplemental response is 5/31/2013 9/30/2013</b>	9/30/2013
RAI-233 Stability	Supplement response to RAI-233, revise FSAR 2.5.4 and 2.5.5, and update settlement and bearing capacity, stability of sloper and lateria earth pressure analysis.		Per Update 1, the planned submittal for RAI-233 related topics is changed from 2/28/13 to 5/31/13.  2013-03-19 Update - due to issues re finalizing the GWL Model and Calculations and the need to complete the SSI evaluations before resolving these issues, the submittal date has been moved from 5/31/13 to 9/30/13.  2013-07-30 update - still on schedule for a 9/30 submittal but schedule is tight and submittal could slip a week or two.	<b>Luminant submit revised response to RAI-233 and address other stability and structural issues on 5/31/2013 9/30/2013</b>	9/30/2013
<b>03 (16)</b>					
<b>026 Overall Chapter Status (2)</b>					
3 - DESIGN OF STRUCTURES, SYSTEMS, COMPONENTS, AND EQUIPMENT (less 3.7 and 3.8)	<b>Phase 2</b> Ch 3 less 3.7 and 3.8 SER w/ OIs - TBD (ECD Oct 2013) ACRS Subc - 11/4-5/2013 ACRS Full - 12/5/2013 ACRS w/O OIs - TBD		2012-09-26 update - this chapter is a candidate for a split SER. Luminant recommended that one SE cover 3.1-3.6 and 3.9-3.13 and that an ACRS date be set for this portion (June 2013).	<b>Complete reviews and tech input for SER W/OI.</b>	10/10/2012
			A time frame should be set for 3.7-3.8		

	<p><b>Phase 2</b></p> <p>3.7 and 3.8 SER W/ OIs - TBD ACRS Subc - TBD ACRS Full - TBD ACRS W/O OIs - TBD</p>	<p>ACRS after ISCP submittals and reviews.</p> <p>2013-03-26, Red-line strike-out update of IHCP and ISCP provided to NRC.</p> <p>2013-04-18 NRC requested updated version of ISCP.</p> <p>Update 2 to ISCP provide 5/1/13 via TXNB-13014.</p> <p><b>2013-07-30 Update - Final ISCP products scheduled to be submitted by 9/30 but the schedule is tight and could slip a week or two.</b></p>	<p><b>Luminant provide ISCP products.</b></p> <p><b>NRC complete technical reviews and issue SER.</b></p>	<p>9/30/2013</p>
<p><b>030 IW - Issued/Waiting for Response RAIs (1)</b></p> <p>03.09.06 RAI-244 (6222) IST</p>	<p>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.</p> <p>Response submitted via TXNB-12006 on 2/27/12 for questions 21 and 23. Response to question 22 submitted via TXNB-12007 dated 3/9/12. TXNB-12021 dated 6/13/12 provided a supplemental response to question 22 (to correct the revision level of NUREG-1482).</p>	<p><b>Question 03.09.06-21</b> - Issued waiting for response</p> <p>9/24/12 update- chg from IE to IW 1/23/13 update - to be changed to an open item to be closed in Phase 4.</p> <p>2013-04-03 update - Resolution linked to DCD PSC audit which will include <b>sample procurement specs.</b> (see aslo RAI-239(6159) question 03.11-18</p> <p><b>Question 03.09.06-22</b> - Confirmatory Action Applicant</p> <p>Response provided by TXNB-12007 on 3/9/12 and supplemented by TXNB-12021 on 6/13/12 (to correct a NUREG reference). IST program for pumps, valves and restraints.</p> <p><b>Question 03.09.06-23</b> - Resolved-Closed</p>	<p><b>NRC review responses. Question 21 to be changed to an open item for closure in Phase 4.</b></p> <p><b>US-APWR DCWG work with NRC to develop products as part of DCD PSC plan and for DCD PSC audit.</b></p>	<p>12/31/2012</p>
<p><b>035 IE - In Evaluation RAIs (2)</b></p> <p>03.11 RAI-239 (6159) EQ Followup - Questions 03.11-18, 19 and 20</p>	<p>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.</p> <p>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.</p> <p>Q 03.11-20 followup to Q 03.11-11.</p>	<p><b>Question 03.11-18</b> - In Evaluation</p> <p>The information to resolve this question is linked to the <b>DCD PSC plan</b>. The procurement specs and other material to be audited during the PSC audit will resolve most if not all of this question although RCOLA followup may be needed. (see also RAI-244, question 03.09.06-21)</p> <p><b>Question 03.11-19</b> - In Evaluation</p> <p>Resolution of this questioned is tied to DCD questions re MUAP-08015, US-APWR Equipment Qualification Program. Once the <b>DCD issues</b> are resolved, this</p>	<p><b>NRC review response.</b></p> <p><b>US-APWR DCD effort needed to resolve via PSC and MUAP-08015 reviews.</b></p>	<p>2/29/2012</p>

	License condition for program implementation. 12/15, NRC granted extension to 1/31/2012.  Response submitted via TXNB-12006 on 2/27/12.	RCOLA question may be resolved as well or followup may be necessary.  <b>Question 03.11-20</b> - Resolved-Closed  DCD submitted EQ Program update 11/1/2012.  2013-01-09 - Staff reviewing DCD now and RCOLA next. ECD two to three weeks (about 1/30/13). 2013-02-27 update - still working DCD. No ECD for RCOLA.		
03.04.01 RAI-275(7099) re CST Failure	One question re capability to handle a CST failure and an error in a left-hand-margin entry. Response provided via TXNB-13019 on 6/19/13.	<b>Question 03.04.01-1</b> - In Evaluation  2013-05-28 Update - added to eRAI as IW <b>2013-06-24 update - changed from IW to IE.</b>	<b>NRC review response.</b>	6/19/2013
<b>094 Complete Closure Plan Activity (5)</b>				
3.7-3.8-10 Evaluation of R/B Complex SSI	Evaluation of the NI Complex which shows that the site-specific SSI analysis results of NI Complex are enveloped by DCD SSI analysis results.  Evaluation submitted by TXNB-12039 on 11/29/2012.	Site specific seismic may be impacted by standard plant layout changes or seismic design issues.  Update 1 to ISCP changed the submittal date from 9/12 to 11/12.  2013-03-20 update - Dennis to check with reviewers to see if there is any feedback.	<b>NRC use evaluation as appropriate in reviewing CPNPP seismic design.</b>	11/29/2012
3.7-3.8-20 FSAR R3 UTR R0	FSAR R3 UTR R0 to include: Updates to the plot plan (1.2 and 2.1, <b>2.3 and Appendix 3K</b> ); Atmospheric dispersion ( <b>2.0 and 2.3</b> ); Aircraft hazards (3.5); Main control room habitability (6.4); <b>Unit Switchyard layout (8.2)</b> ; Grounding and lightning protection <b>and HVAC electric load changes (8.3)</b> ; <b>ESW system re plant layout (9.2)</b> ; HVAC (9.4); radiation protection (12.3); and PRA (19.1). [Update 1 changes shown in bold above]  Submitted via TXNB-13003 dated 2/28/2013.	Update 1 to ISCP changed the submittal date from 10/12 to 2/13.  There are some minor adjustments in Chapter 9, 12 and 8 to be clarified in RO transmittal letter.	<b>NRC review material.</b>	2/28/2013
3.7-3.8-40 ER R3 UTR R0	UTR will contain the updates based on seismic closure plan including: text, table and figure updates to reflect common foundation and new plant layout (F2.1-1, F2.3-26, F2.3-27, F3.1-1, F3.4-3, F4.1-1, and F6.3-1); table update due to source or receptor location if needed (T5.4-1 and T5.4-3)  ER R3 UTR R0 submitted 3/28/13 via	Update 1 to ISCP changed the submittal date from 11/12 to 3/13.	<b>NRC consider in reviews.</b>	3/28/2013



	TXNB-13009.	UTR to include: updates to reflect EPRI guidance for earthquake sources in the CEUS (2.5); Fire protection updates (9.5 and 9.A) Submitted via FSAR R3 UTR R1, TXNB-130015 dated 5/13/13.	Investigate and use latest CAV filter procedure. Update 1 to ISCP changed the submittal date from 2/13 to 4/13. <b>2013-03-19 Update - due to issues re finalizing the GWL Model and Calculations, the submittal date has been moved from 4/30/13 to 5/17/13.</b>	<b>Submitted for NRC review.</b>  5/13/2013	
		Via separate letter, updates to the Physical Security Plan and High Assurance Evaluation will be developed to include plant layout changes. TXNB-13021 submitted the PSP R3 and adopted the HAE submitted by MHI via UAP-HF-13164 on 6/26/2013.	Update 1 to ISCP changed the submittal date from 10/12 to 6/13. 2013-05-06 update - No changes appear to be needed to PSP or FSAR. HAE will be submitted by MHI for the standard plant and the DCD (reference 13.6-7) will be updated. The RCOL already adopts the standard plant HAE (via reference 13.6-7). Need to confirm PSP reference to HAE.	<b>Luminant prepare and submit PSP updates- Luminant work with MHI re submittal of HAE update.</b>  <b>NRC review HAE (Chapter 13 activity).</b>  6/27/2013	
<b>095 Close Plan Activity (6)</b>					
	03.07.02 RAI-247 (6266) Seismic Follow-up	Follow-up to RAI-226 questions: 03.07.02-26 is follow-up for 23 (items 2,5,6,7,9,10, and 13) 03.07.02-27 is follow-up for 24 (items 1,3,4,6,7,8 and 9)	<b>Questions 03.07.02-26 and 27 - Issued/Waiting for Response</b>  4/16/12 Update - Luminant has rolled the response to this RAI into the ISCP. <b>2013-03-19 Update - due to issues re finalizing the GWL Model and Calculations, the submittal date has been moved from 6/28/13 to 8/16/13.</b> 2013-07-15 update - Submittal date moved to 9/30/13, consistent with ISCP UTR.	<b>Luminant prepare and submit responses 6/28/2013 8/16/2013 9/30/2013.</b>  9/30/2013	
	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). Luminant responded via TXNB 11054 dated 9/4/2011. Luminant submitted a supplemental response via TXNB-11064 dated 10/10/2011.	<b>Questions 03.07.02-21 and 22 - Confirmatory Action NRC</b>  Response to be revised/updated as part of ISCP. 2013-07-15 update - Submittal date moved to 9/30/13, consistent with ISCP UTR.	<b>Luminant to complete actions in commitments included in Response.</b>  9/30/2013	
		Updates to site-specific seismic analyses in 3.7, 3.8 and Appendices 3H, 3I, 3J, 3K, 3L, and 3MM).	3/17/12 Update - Currently Luminant believes that Appendices 3H, 3I, and 3J do not require update. Update 1 to ISCP changed the submittal date from 4/13 to 6/13. <b>Response to RAI-254 (6403) (TXNB-12038) noted that F 9.2.5-1R will be revised when F 3.8-206 is</b>	<b>Luminant prepare and submit UTR 6/28/2013 8/16/2013 relocate</b>	

<p>3.7-3.8-60 FSAR R3 UTR - cancelled</p>	<p>Update 1 of ISCP expanded scope of UTR to include updates to FSAR 1.8 (re DCD updates), 3.4 (re ESWPC), 3.6 (re ESWPC), 9.2 (re ESW interface), and 13.6 (re HAE).</p>	<p><b>completed.</b>                  2013-03-19 Update - due to issues re finalizing the GWL Model and Calculations, the submittal date has been moved from 6/28/13 to 8/16/13.                  2013-06-04 update - Due to the addition of a Fukushima LL UTR (now R2), UTR R2 is changed to R3 and UTR R3 is changed to UTR R4.                  2013-07-15 update - this UTR cancelled. All changes (except 3.4) are relocated to UTR R3.</p>	<p><b>changes to UTR R2 and UTR R3.</b>  <b>See entry for FSAR R3 UTR R3</b></p>	<p>9/30/2013</p>
<p>3.7-3.8-63 RAI-221 Supplement</p>	<p>Supplent response to RAI-221 to reflect updated site-specific seismic analysis.</p>	<p>Update 1 to ISCP changed the submittal date from 4/13 to 6/13.                  2013-03-19 Update - due to issues re finalizing the GWL Model and Calculations, the submittal date has been moved from 6/28/13 to 8/16/13.                  2013-07-15 update - Submittal date moved to 9/30/13, consistent with ISCP UTR.</p>	<p><b>Luminant prepare and submit supplement 6/28/2013 8/16/2013 9/30/2013.</b></p>	<p>9/30/2013</p>
<p>3.7-3.8-66 RAI-226 Supplement</p>	<p>Supplent response to RAI-226 to reflect updated site-specific seismic analysis.</p>	<p>Update 1 to ISCP changed the submittal date from 4/13 to 6/13.                  2013-03-19 Update - due to issues re finalizing the GWL Model and Calculations, the submittal date has been moved from 6/28/13 to 8/16/13.                  2013-07-15 update - Submittal date moved to 9/30/13, consistent with ISCP UTR.</p>	<p><b>Luminant prepare and submit supplement 6/28/2013 8/16/2013 9/30/2013.</b></p>	<p>9/30/2013</p>
<p>3.7-3.8-80 FSAR R3 UTR R3</p>	<p>UTR to include site-specific analysis of NI complexes 3.7, 3.8 and Appendix 3NN).                  Originally designated UTR R3; changed to UTR R4 when UTR R2 was added to address Fukushima updates; and changed back to UTR R3 when old UTR R3 (3.7 and 3.8 updates) was rolled into this UTR.</p>	<p>Update 1 - submittal will also address FSAR 19.1, PRA. Submittal date changed from 6/13 to 8/13.                  2013-03-19 Update - due to issues re finalizing the GWL Model and Calculations, the submittal date has been moved from 8/30/13 to 9/30/13.                  2013-06-04 update - Due to the addition of a Fukushima LL UTR (now R2), UTR R2 is changed to R3 and UTR R3 is changed to UTR R4.                  2013-07-15 update - changes previously designated for the 3.7-3.8 UTR (except 3.4) moved to this UTR. Schedule is tight and a two to three week delay is possible.</p>	<p><b>Luminant prepare and submit UTR August 2013 9/30/2013.</b></p>	<p>9/30/2013</p>
<p><b>04 (1)</b></p>				
<p><b>026 Overall Chapter Status (1)</b></p>				
<p>4 - REACTOR</p>	<p><b>Phase 6</b>                  SER W/ OIs - <b>Complete</b> 9/11/2012                  ACRS Subc - <b>Complete</b> October 2012                  ACRS Full - <b>Complete</b> 4/11/13                  ACRS W/O OIs - TBD</p>	<p><b>0 Ch 4 Open Items</b>                  ASER Constraints:                  DCD Topical Reviews                  DCD ASER</p>	<p><b>Prepare ASER.</b></p>	<p>11/21/2012</p>



	Phase 4 - July 2013	There will be no phase 5 (ACRS review of ASER) for this chapter.		
<b>05 (2)</b>				
<b>026 Overall Chapter Status (1)</b>				
	<b>Phase 4</b> SER W/ OIs - <b>Completed</b> 4/29/11 ACRS Subc - <b>Completed</b> 5/27/11 ACRS Full - <b>Completed</b> 9/6/12 ASER W/O OIs - TBD Phase 4 - March 2013	<b>1 Ch 5 Open Item</b> <b>Open Item 05.02.03.01-1 (215-5363)</b>	<b>NRC issue ASER. Provide ECD.</b>	10/10/2012
<b>042 OI - Resolved SER Open Item (1)</b>				
	Commit to EPRI Guidance in effect at time of application for primary chemistry control (see RAI 215-5683). Luminant responded via TXNB-11030 on 5/2/11. <b>Open Item 05.02.03.01-1</b>	<b>Open Item 05.02.03.01-1</b>	<b>NRC review response. NRC spreadsheet of 5/18 changed to confirmatory. NRC close in SE without OIs.</b>	5/9/2011
<b>06 (1)</b>				
<b>026 Overall Chapter Status (1)</b>				
	<b>Phase 2</b> SER W/ OIs - <b>Complete</b> August 19, 2013 ACRS Subc - 9/17-18/13 ACRS Full - 12/5/2013 ASER W/O OIs - TBD	<b>0 Open Items</b> <b>4 confirmatory items</b>	<b>Luminant complete review for material to be withheld and factual errors.</b>	8/29/2013
<b>07 (1)</b>				
<b>026 Overall Chapter Status (1)</b>				
	<b>Phase 3</b> SER W/ OIs - 3/27/13 <b>COMPLETE</b> ACRS Subc - April 25-26, 2013 <b>COMPLETE</b> ACRS Full - 12/5/2013 ASER W/O OIs - TBD	<b>0 Chapter 7 Open Items</b>	<b>Brief ACRS Full Committee.</b>	11/7/2013
<b>08 (4)</b>				
<b>026 Overall Chapter Status (1)</b>				
	<b>Phase 4</b> SER W/ OIs - <b>Complete</b> July 2011 ACRS Subc - <b>Complete</b> August 17, 2011 ACRS Full - <b>Complete</b> 9/6/12 ASER W/O OIs - TBD	<b>2 Ch 8 Open Items:</b> 08.01-1 (2576 question 08.01-2) 08.02-1 (5116 question 08.02-30)	<b>Resolve open items.</b>	1/28/2013
<b>035 IE - In Evaluation RAIs (1)</b>				
		<b>Question 8.2-31 - In Evaluation</b> 2012-11-01 - Clarifying conference call	<b>NRC review response.</b>	

<p>8.2-31 RAI-263 (6884) NRCB re Loss of one phase offsite power</p>	<p>One question (8.2-31) with three parts. Concerns the Byron event where a problem on one phase of offsite power resulted in unit trip. Response submitted via TXNB-12040 on 11/29/2012.</p>	<p>held. 2012-11-07 update - <b>Luminant and Mitsubishi working on the response</b> to address various challenges as identified by operating plants. 2012-11-12 Luminant requested an extension to 12/3/12. 2012-11-21 extension granted. 2013-01-09 - NRC staff may request a conference call to discuss the Luminant response.</p>	<p><b>NRC staff, Luminant and MHI/MNES to continue to investigate and to follow proposals and progress by the nuclear industry.</b>  <b>Industry public meeting expected in February 2013.</b></p>	<p>11/29/2012</p>
<p><b>041 OI - SER Open Item (1)</b></p>				
<p>08.01 RAI-249 (6316) Shared Offsite Elec</p>	<p>NRC is asking questions re GDC-5. One question, 08.01-3, with four parts. Response provided via TXNB-12013 dated 5/16/2012.  <b>Open Item 08.01-1</b> (previously associated with question 08.01-2 from RAI 009-2576)  Luminant provided revised position in TXNB-13007 dated 3/4/2013 as a supplemental response to RAI-009 (2576).  NRC provided staff position 6/27/2013.</p>	<p>3/29/12 Update - Clarifying conference call held. Luminant asked for more time to respond re GDC 5 concerns. NRC to reassess their position. Extension granted to 5/17/12. 4/26/12 - Clarifying call held with branch chief. NRC to provide position on GDC 5. 2012-08-27 Conference call with branch chief. NRC staff maintains that GDC 5 applies. Luminant disagrees. 9/13/12 update - discussed at DCWG meeting. NRC projected a position paper in October 2012. (Confirmed 9/26/12) 2012-11-07 update - NRC is discussing a final draft and it may be available soon. 2013-02-06 update - conference call held in which Luminant agreed to provide a supplemental response to reflect current position  <b>Question 08.01-3</b> - Unresolved-Closed (changed from IE on 12/10/12) - no follow-up identified  <b>2013-08-28 update - Luminant is preparing supplemental response to incorporate staff position into FSAR. Will proceed without clarifying call which was not held.</b></p>	<p><b>NRC identify follow-up activity if any.</b>  <b>Luminant submit supplemental response.</b></p>	<p>9/23/2013</p>
<p><b>042 OI - Resolved SER Open Item (1)</b></p>				
<p>08.02 RAI-182 (5116) Offsite Power</p>	<p><b>Question 08.02-30 is Open Item 08-02-1.</b> Question 08.02-29 regarding inaccessible cable monitoring program and 08.02-30 regarding anti-motoring protective relay for main generator output breaker. 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.</p>	<p><b>Question 08.02-29 and 30</b> - Resolved-Closed  Confirmatory: 29 and 30. Q29 in COLA R2. Q08.02-30 not in COLA R2. 4/24 Changed from CN-A to CN-N 4/27/12 Question 29 changed from Confirmatory NRC to Resolved/Closed. 2012-09-28 update - Steve stated that</p>	<p><b>PLAN AGREED UPON.</b>  <b>NRC updated status of review. NRC close Open Item in SER without OIs.</b></p>	<p>12/17/2010</p>

	Response submitted in TXNB-10087 dated 12/16/10. S01 issued 9/16/11 via TXNB-11060.	question 30 is being re-statused as Resolved-Close. 2012-10-09 status of 30 changed to RC.	
<b>09 (3)</b>			
<b>026 Overall Chapter Status (1)</b>			
9 - AUXILIARY SYSTEMS	<p><b>Phase 3</b></p> <p>SER W/ OIs - <b>Complete</b> July 22, 2013                  ACRS Subc - 11/4-5/2013                  ACRS Full - 12/5/2013                  ASER W/O OIs - TBD</p>	<p><b>One Open Item - 9.2.5-1</b></p> <p>Seismic closure plan may impact the chapter review. Luminant suggested that the NRC consider issuing the SE based on the current reviews and make the ISCP updates an open item. NRC to consider suggestion. This approach may work of other chapters as well.</p> <p>2013-04-03 update - Steve Monarque is now PM for this chapter.                  2013-04-17 update - NRC is adding part 70 fire protection to this SE.                  2013-08-01 update - Luminant confirmed no material identified that needs to be withheld from public                  2013-08-12 update - Luminant comments on SE submitted via email</p>	<p><b>Conduct ACRS subcommittee briefing.</b></p> <p>8/5/2013</p>
<b>041 OI - SER Open Item (1)</b>			
OI 9.2.5-1 FSAR update re UHS Heat Load	<p>An observation from Chap 9 audit concerned UHS heat load bounding scenario. An FSAR update needed to clarify scenario and heat load values.</p> <p>See TXNB-13015, FSAR R3 UTR R1, dated 5/13/13.</p>	<p>Luminant intends to include update in FSAR R3 UTR R0 which is scheduled for February of 2013,</p> <p>2013-02-27 update - Luminant moved this change to FSAR R3 UTR R1 which is scheduled for April 2013.</p>	<p><del>Luminant submit updates to FSAR in FSAR R3 UTR R1.</del></p> <p><b>NRC review submittal to resolve OI.</b></p> <p>5/13/2013</p>
<b>090 Action CPNPP (1)</b>			
Correct typo in 9.5.9	9.5.9 incorrectly lists 9.2.1.2.1 as one of the sections that addresses COL 9.5 (2). This is incorrect.		<b>Correct FSAR in COLA R4.</b> 11/30/2013
<b>10 (2)</b>			
<b>026 Overall Chapter Status (1)</b>			
10 - STEAM AND POWER CONVERSION SYSTEM	<p><b>Phase 4</b></p> <p>SER W/ OIs - <b>Complete</b> July 2011                  ACRS Subc - <b>Complete</b> 8/17/11                  ACRS Full - <b>Complete</b> 9/6/12                  ASER W/O OIs - TBD (ECD Jan 2014)</p>	<p><b>0 Ch 10 Open Items:</b></p>	<p><b>NRC resolve open items and issue ASER. Provide ECD for ASER.</b></p> <p>10/10/2012</p>
<b>090 Action CPNPP (1)</b>			
		<p><b>Question 10.04.08-3</b> - Confirmatory Action Applicant</p> <p>2/28/12 Update - Linked to a DCD issue. Staff needs resolution on DCD issue first.                  NRC has requested a conference for</p>	

<p>10.04.08 RAI-237 (6166) SGBD</p>	<p>Q 10.04.08-3 asks for additional details. TXNB-11084 dated 12/8/11 provides the Luminant response.</p>	<p>clarification of response. A good date has not yet been confirmed. 2012-08-20 update - Clarifying call held. NRC reviewers questions were addressed with no follow-up action required. 2012-08-27 update - NRC identified a change in a figure not incorporated into FSAR R3. 2012-09-18 Update - status changed from IE to CA-A</p>	<p><b>NRC review response.</b> <b>Luminant to include corrected figure in FSAR R4.</b></p>	<p>11/30/2013</p>
<p><b>11 (3)</b></p>				
<p><b>026 Overall Chapter Status (1)</b></p>				
<p>11 - RADIOACTIVE WASTE MANAGEMENT SYSTEM</p>	<p><b>Phase 4</b> SER W/ OIs - <b>Complete</b> August 2011 ACRS Subc - <b>Complete</b> October 2011 ACRS Full - <b>Complete</b> 9/6/12 ASER W/O OIs - TBD Phase 4 - april 2013</p>	<p><b>2 Ch 11 Open Items:</b> <b>11.02-1</b> (see RAI 224-5854, question 11.02-18 re Evap Pond sampling) <b>11.04-1</b> (see RAI-039-3401, question 11.04-4 re Interim Rad Waste Storage Bldg.)</p>	<p><b>Resolve OIs and Issue SER Without OI. Provide ECD for ASER.</b></p>	<p>10/10/2012</p>
<p><b>042 OI - Resolved SER Open Item (2)</b></p>				
<p>11.04 RAI-039 (3401) LWMS</p>	<p>RAI 39, 11.4-3 and 4, LWMS, 2 ques. Answers submitted via TXNB-09055 dated 10/19/09. <b>Open Item 11.04-1</b> (question 11.04-4) - Resolved-Closed</p>	<p>CU-Q 11.04-3 RAI-200 11.03-3 FU-Q 2/1/12 Update - status to be changed to Confirmatory in upcoming eRAI report. 2/7/12 eRAI Table changed q 11.04-4 from Responded - SER Open Item to Confirmatory with no SER Open Item designation. 3/13/12, Q3 changed to Resolved/Closed. 2012-07-24 Question 4 Changed to RC.</p>	<p><b>NRC close open item in SER without open items.</b></p>	<p>10/19/2009</p>
<p>11.02-18 RAI-224 (5854) Evap Pond Sampling</p>	<p>Q 11.02-18. Concerns how we will sample the Evap Pond. Response submitted via TXNB-11061 dated 9/29/11. Conference call held 10/5/11. Luminant to supplement response base upon the call. TXNB-11076 (11/7/11) provided supplemental information (S01) regarding sampling guidance considered. <b>Open Item 11.02-1</b></p>	<p>2/7/12 eRAI Table changed from Responded - SER Open Item to Confirmatory with no SER Open Item designation. 2012-07-24 Changed to Resolved-Closed</p>	<p><b>NRC close out in SER without open items.</b></p>	<p>11/7/2011</p>
<p><b>12 (2)</b></p>				
<p><b>026 Overall Chapter Status (1)</b></p>				
<p>12 - RADIATION PROTECTION</p>	<p><b>Phase 4</b> SER W/ OIs - <b>Complete</b> August 2011 ACRS Subc - <b>Complete</b> October 2011 ACRS Full - <b>Complete</b> 9/6/12</p>	<p><b>1 Ch 12 Open Item:</b> 12.02-1 (see RAI-198) FSAR R3 UTR R0 may include updates due to ISCP. FSAR R4 scheduled for</p>	<p><b>Resolve OIs and Issue SER without OIs. Provide schedule for ASER.</b></p>	<p>10/10/2012</p>

	ASER W/O OIs - TBD (ECD Jan 2014)	November 2013.		
<b>042 OI - Resolved SER Open Item (1)</b>				
12 Open Item	<p><b>Open Item 12.02-1</b> - license condition(s) re Parts 30, 40 and 70.</p> <p>NRC projects an OI based on RAI-198, 30, 40 and 70 compliance. May need an updated of T13.4-201 to indicate when Rad Prot Manager will be in place.</p> <p>Clarification re rad protection supervisor provided via TXNB-11080 dtd 11/14/11.</p>	<p>Included in SER but not in eRAI report as of 10/5/11. No update in 10/18/11 eRAI Report. Clarification received from reviewer on 10/20/11. 2012-01-04 update - being changed to confirmatory.</p> <p>2012-09-18 Update - All RAI-198 questions statused as Resolved-Closed.</p>	<p><b>NRC close open item in SER without open items.</b></p>	11/14/2011
<b>13 (5)</b>				
<b>026 Overall Chapter Status (1)</b>				
13 - CONDUCT OF OPERATIONS	<p><b>Phase 4</b></p> <p>SER W/ OIs - <b>Complete</b> August 2012 ACRS Subc - <b>Complete</b> September 2012 ACRS Full - <b>Complete</b> April 11, 2013 ASER W/O OIs - TBD</p>	<p><b>2 Ch 13 Open Items:</b> Non-security portions - None <b>Open Item 13.6-1</b> - Security review - (HAE report update) <b>Open Item 13.7-1</b> - FFD program review 2012-03-15 Luminant provided comments on the SE with OIs.</p> <p>Multiple items had been tracked as OIs during the review but were either found acceptable or confirmatory in SE and are no longer considered OIs.</p>	<p><b>Address Luminant comments on SE with Open Items.</b></p> <p><b>Provide schedule for ASER.</b></p>	10/10/2012
<b>035 IE - In Evaluation RAIs (1)</b>				
13.06.01 RAI-270 (6963) Storage and transport of new fuel	<p>2013-03-28 RAI received by Luminant.</p> <p>Clarifying conference call held 4/30/13. It may take two letters to respond - one would be safeguards.</p> <p>Response submitted via TXNB-13017 dated 5/28/13.</p>	<p><b>Question 13.06.01-59</b> - In Evaluation <b>Question 13.06.01-60</b> - In Evaluation <b>Question 13.06.01-61</b> - In Evaluation <b>Question 13.06.01-62</b> - In Evaluation <b>Question 13.06.01-63</b> - In Evaluation</p> <p>2013-04-03 update - agreed upon a 5/31/13 response submittal date. 2013-06-24 updated - All questions changed from IW to IE.</p>	<p><b>Luminant-submit response: NRC review responses.</b></p>	5/28/2013
<b>041 OI - SER Open Item (1)</b>				
	<p><b>Open Item:</b> See Chapter 13 SE with OIs.</p> <p>Questions 13.06.01-57 and 58. Followup questions concerning target sets and defense. Clarifying conference call held 11/2/11.</p>	<p><b>Open Item 13.6-1</b> - Security</p> <p>2/15/12 Update - Discussed need to updated HAE one more time to address all layout changes and new scenarios</p>		

<p>13.06.01 RAI-234 (6068) Security Followup</p>	<p>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. TXNB-12005 of 2/20/12 provided a submittal date of 10/31/12.  HAE and PSP R3 provided by TXNB-13021 on 6/27/2013 which also references MHI HAE submittal via UAP-HF-13164 on 6/26/2013.</p>	<p>based on this RAI response. Proposed date has been changed by Standard Plant layout changes. New date June 2013.  <b>Question 13.06.01-57</b> - In Evaluation <b>Question 13.06.01-58</b> - In Evaluation  The PSP will also be updated to reflect plant layout changes resulting from seismic design reviews. <b>2013-08-26 update - Qs 57 and 58 fm IW to IE</b></p>	<p><b>NRC Review response.</b> <del>Luminant provide HAE revision:</del></p>	<p>6/27/2013</p>
<p><b>042 OI - Resolved SER Open Item (1)</b></p>				
<p>13.07 RAI-199 (5400) FFD</p>	<p><b>Q 13.07-4 and 5.</b> No clarifying call needed. <b>See TXNB-11011 dated 2/28/2011.</b></p>	<p><b>Open Item 13.7-1 - FFD</b>  Questions are statused as Resolved-Closed.  2013-06-27 update - FFD will have a stand alone SE and will go to ACRS during phase 5.</p>	<p><b>NRC complete review of FFD.</b></p>	<p>3/1/2011</p>
<p><b>100 Action NRO (1)</b></p>				
<p>EP R3 UTR R0 - Revised Regulations Update</p>	<p>Provide an update to the EP for CPNPP Units 3 and 4 based on the recent revision to the regulations.  EP R3 UTR R0 and ITAAC R3 UTR R2 submitted via TXNB-13010 and TXNB-13011 respectively on 3/28/2013.</p>	<p>Luminant intends to implement the changes on Units 1 and 2 first and then the same or similar changes will be made to the EP for Units 3 and 4.</p>	<p><b>NRC staff review EP and ITAAC UTRs. NRC staff projects performing review from April to September 2013.</b></p>	<p>3/28/2013</p>
<p><b>14 (2)</b></p>				
<p><b>026 Overall Chapter Status (2)</b></p>				
<p>14 - VERIFICATION PROGRAMS (except HF and Structural)</p>	<p><b>Phase 2</b> SER W/ OIs - TBD ACRS Subc - TBD ACRS Full - TBD ACRS W/O OIs - TBD</p>	<p>2012-09-26 update - this chapter is a candidate to have a split SER W/ OIs.</p>	<p><b>Complete reviews and tech input for SER W/OI. Provide schedule for SE.</b></p>	<p>10/10/2012</p>
<p>14 - ITAAC for HF and Structural</p>	<p>Subsections 14.3.9 re HF and 14.3.2 re structural  <b>Phase 2</b> SER W/ OIs - TBD ACRS Subc - TBD ACRS Full - TBD ACRS W/O OIs - TBD</p>		<p><b>NRC schedule SE and ACRS meetings.</b></p>	<p>7/15/2014</p>
<p><b>15 (1)</b></p>				
<p><b>026 Overall Chapter Status (1)</b></p>				
	<p><b>Phase 4</b></p>			

15 - TRANSIENT AND ACCIDENT ANALYSES	SER W/ OIs - <b>Complete</b> June 2012 ACRS Subc - <b>Complete</b> July 2012 ACRS Full - <b>Complete</b> April 11, 2013 ASER W/O OIs - TBD Phase 4 - March 2013	<b>0 Ch 15 Open Items</b>	<b>Provide schedule for ASER.</b>	10/10/2012
<b>16 (2)</b>				
<b>026 Overall Chapter Status (1)</b>				
16 - TECHNICAL SPECIFICATIONS	<p><b>Phase 4</b></p> <p>SER W/ OIs - <b>Completed</b> January 2013 ACRS Subc - <b>Completed</b> February 21 &amp; 22, 2013 ACRS Full - <b>Complete</b> April 11, 2013 ACRS W/O OIs - TBD</p>	<p><b>1 Ch 16 Open Item</b></p> <p>2012-09-26 update - this chapter is a candidate to be issued with the pending DCD items as Open Items. 2013-01-09 - SE projects for about 1/25/13.</p>	<b>Issue ASER.</b>	4/11/2013
<b>042 OI - Resolved SER Open Item (1)</b>				
16 RAI-090 (3113) PTS and Bases	<p>RAI-090, 16-1 to 10 - TS, Part 4 PTS and Bases <b>With 7 day extension of 11/2, new date for RAIs 90, 91, and 93 is 11/11/09. (Answers for 90, 91 and 93 submitted via TXNB-09064 on 11/11/09)</b></p> <p>2013-03-04 - Luminant provided (in FSAR) location of deterministic values for SFCP and revision level for RITS methodology for TS (see TXNB-13006 of 3/4/2013).</p>	<p>Resolved/Closed: 1, 2, 3, 4, 5, 6, 7, 8, 9 Closed/Unresolved: none <b>Question 16-10</b> - Confirmatory Action Applicant <del>EU-9</del> <del>FU-9</del> <del>16-07</del> <del>RAI-149-16-18</del> <del>16-10</del> <del>RAI-149-16-19</del></p> <p>2/4/13 question 16-7 changed to Resolved-Closed. 2013-04-01 update - Q 16-10 changed from CU to CAA</p>	<b>NRC review COLA R4 and close.</b>	3/4/2013
<b>17 (1)</b>				
<b>026 Overall Chapter Status (1)</b>				
17 - QUALITY ASSURANCE AND RELIABILITY ASSURANCE	<p><b>Phase 4</b></p> <p>SER W/ OIs - <b>Complete</b> January 2013 ACRS Subc - <b>Complete</b> February 21 &amp; 22, 2013 ACRS Full - <b>Complete</b> April 11, 2013 ACRS W/O OIs - TBD</p>	<p><b>0 Ch 17 Open Items</b></p> <p>2012-09-26 update - SER W/ OIs written but not issued pending issuance of DCD SE. 2013-01-04 Luminant provided comments on draft SE with OIs. 2013-04-03 update - Tarun Roy is arranging a conference call to address SE comments from Luminant. Conference call held and comments to be resolved in ASER w/o Open Items.</p>	<b>Issue ASER.</b>	10/10/2012
<b>18 (1)</b>				
<b>026 Overall Chapter Status (1)</b>				
18 - HUMAN FACTORS	<p><b>Phase 2</b></p> <p>SER W/ OIs - TBD</p>	<p>2012-09-26 update - RCOLA SER W/ OIs written but not issued pending issuance of DCD SE. DCD closure plan may have impact on</p>	<b>Complete tech input for SER W/OI. Steve has written the draft SER for</b>	



ENGINEERING	ACRS Subc - TBD ACRS Full - TBD ACRS W/O OIs - TBD	RCOLA. COL Actions may get written which require updates to multiple RCOLA chapters (e.g., 13, 18).  2013-06-27 update - Luminant expects minor FSAR changes in the fall of 2013.	<b>this IBR'ed chapter.</b>  <b>Confirm schedule for SE and ACRS SC briefing.</b>	10/10/2012
<b>19 (6)</b>				
<b>026 Overall Chapter Status (2)</b>				
19 - PROBABILISTIC RISK ASSESSMENT AND SEVERE ACCIDENT EVALUATION (except SMA)	<b>Phase 4</b> SER W/ OIs - <b>Complete</b> January 2013 ACRS Subc - <b>Complete</b> February 21 & 22, 2013 ACRS Full - <b>Complete</b> April 11, 2013 ACRS W/O OIs - TBD	<b>7 Ch 19 Open Items:</b> <b>19-1</b> - Question 19-24 - IE <b>19-2</b> - Question 19-25 - CA <b>19-3</b> - Question 19-26 - CA <b>19-4</b> - Question External Hazards Risk Eval based on Chap 2 and 3 updates - Luminant Submittal needed <b>19-5</b> - Question 19-21 - UC - FU 19-29 <b>19-6</b> - Question 19-22 - UC - FU 19-30 <b>19-7</b> - Question 19-23 - UC - FU 19-27	<b>Issue ASER.</b>	10/10/2012
19 - SIESMIC MARGIN ANALYSIS (19.1.5.1.1)	<b>Phase 2</b> SER W/ OIs - TBD ACRS Subc - TBD ACRS Full - TBD ACRS W/O OIs - TBD		<b>Schedule Phase 3 ACRS subcommittee and full committee meetings (ECD July 2014).</b>	7/15/2014
<b>041 OI - SER Open Item (4)</b>				
19 RAI-268 (6913) 19-24,25,26 COL Items, RI, Tech Adeq - OI 19-1, 19-2 and 19-3	Three PRA related questions. 19-24 - COL action items 19-25 - Use of PRA and Rfcd applications 19-26 - Plant-specific PRA technical adequacy  Response provided in TXNB-12043 dated 12/18/2012.	<b>Open Item 19-1 - Question 19-24</b> - In Evaluation (Open Item 19-1)  <b>Open Item 19-2 - Question 19-25</b> - Confirmatory Action NRC (Open Item 19-2)  <b>Open Item 19-3 - Question 19-26</b> - Confirmatory Action NRC (Open Item 19-3)  2012-11-20 Added to eRAI Table. 2013-04-17 update - questions 25 and 26 are being made confirmatory. 2013-04-29 update - Chantge questions 25 and 26 from IE to CAN 2013-05-23 Update - NRC reported that question 24 to be UC with followup RAI. 2013-07-18 update - at DCWG meeting, NRC reported that <b>more COL items are expected from DCD</b> . Q19-24 will remain IE until the DCD items are settled.	<b>NRC review question 19-24 response.</b>  <b>Confirm content FSAR R4 and update SE re 19-25 and 19-26.</b>	12/21/2012
19 RAI-277 (7091) Wind Hazard and Clarification	Two questions: 19-29 re wind hazard and 19-30 re clarification of FSAR.	<b>Open Item 19-5 - Question 19-29</b> - Issued/Waiting for Response  <b>Open Item 19-6 - Question 19-30</b> - Issued/Waiting for Response	<b>Luminant requested a clarifying call for 8/13 or</b>	9/19/2013



	<p>19-29 is a followup to 19-21 19-30 is a followup to 19-22</p>	<p>2013-08-22 update - the response date is slipping day for day as Luminant awaits a clarifying conference call. (Originally scheduled for 9/5/13)</p>	<p><b>8/14.</b></p>	
<p>19-4 External Hazards Risk Evaluation Open Item</p>	<p>Identify revised external hazards in FSAR chapter 2 and update, as necessary, related changes to external hazards assessment (screening or evaluation) in Chapter 19.</p>	<p><b>Open Item 19-4</b> 2013-03-07 update - no revisions to chapter 19 are expected. The final FSAR revision which will confirm the impacts is <b>FSAR R3 UTR R3</b> scheduled for <del>9/30/13</del> <b>9/30/13</b> which will incorporate the last set of FSAR updates based upon the ISCP.</p>	<p><b>Luminant submit updated based on updated information in FSAR Chapter 2 per ISCP (FSAR R3 UTR R3). NRC review Chapter 19 updates, if any, and update Open Item.</b></p>	<p>9/30/2013</p>
<p>19 RAI-276 (7116) Averted Cost and SAMA</p>	<p>Two questions. 19-27 re Averted Cost and 19-28 re SAMA. Question 19-27 is a follow-up to 19-23 (OI 19-7)</p>	<p><b>Open Item 19-7 - Question 19-27</b> - Issued/Waiting for Response. <b>Question 19-28</b> - Issued/Waiting for Response. 2013-07-15 update - added to eRAI. Luminant requested a clarifying conference call. Extension on due date may be needed. 2013-07-30 update - Luminant requested and was granted an extension to 11/15/13. <b>2013-08-28 update - Luminant schedule has been reassessed. Request a 12/16/13 due date.</b></p>	<p><b>Luminant respond.</b></p>	<p>12/16/2013</p>
<p><b>Part 01 Fin (2)</b> <b>090 Action CPNPP (2)</b></p>				
<p>EFH Financial Status and Gas Prices</p>	<p>Open discussion regarding potential impacts, if any, on the financial status of EFH and the cost of natural gas on the information in Part 1 of the COLA. EFH filed 8K discussing negotiation with debt holders (April 2013).</p>	<p>2013-04-03 update - this discussion is projected to occur in concert with FOCD discussions. The FOCD discussion is tied to the Phase 4 review of the COLA which is project to move to 2015. As such, the NRC concurred with moving the action date for these issues and Luminant is proposing the last quarter of 2014 to initiate followup discussions. <b>2013-07-11 update - Luminant intends to update part 1 (in an upcoming UTR and COLA R4) per the EFH Corporate Structure changes as approved per order to CPNPP 1 and 2. Other updates to be provided prior to FOCD discussions.</b></p>	<p><b>Propose a date and time for a conference call.</b></p>	<p>12/31/2014</p>
	<p>Discuss the potential for foreign influence. Call held on Thursday, 1/20, at 10am EST. Luminant assess NRC feedback and</p>	<p>2013-04-03 update - The FOCD discussion is tied to the Phase 4 review of the COLA which is project to move to</p>		

Negation Action Plan	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).	2015. As such, the NRC concurred with moving the action date for these issues and Luminant is proposing the last quarter of 2014 to initiate followup discussions. This also allows additional time to consider other industry activity in this area.	<b>Luminant to re-initiate review (approximately fourth quarter 2014).</b>	12/31/2014
<b>Part 03 ER (3)</b>				
<b>026 Overall Chapter Status (1)</b>				
Environmental Report	Sections complete - All DEIS - Issued Final EIS - Issued		<b>None.</b> <b>Supplement later if new and significant changes occur.</b> <b>Luminant keep ER correct via UTRs and ER revisions (as part of COLA revisions).</b>	
<b>090 Action CPNPP (2)</b>				
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.		<b>Luminant determine if update required and inform NRC.</b>	9/30/2013
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.		<b>Luminant keep NRC informed of update status.</b> <b>Subject of future drop in discussion with NRC.</b>	9/30/2013
<b>Part 10 ITAAC (1)</b>				
<b>100 Action NRO (1)</b>				
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.		<b>NRC, when time is appropriate, initiate discussion of license conditions for CPNPP Units 3 and 4.</b>	12/31/2013

Total: **87**

# Licensing Conference Calls

Questions which are In Evaluation grouped into categories.

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Title ▼▲	Description	IE ▼▲	PM Status Update	Action Required	Responded ▼▲
<b>Awaiting DCD Action (3)</b>					
03.11 RAI-239 (6159) EQ Followup - Questions 03.11-18, 19 and 20	<p>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.</p> <p>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.</p> <p>Q 03.11-20 followup to Q 03.11-11. License condition for program implementation. 12/15, NRC granted extension to 1/31/2012.</p> <p>Response submitted via TXNB-12006 on 2/27/12.</p>	2	<p><b>Question 03.11-18</b> - In Evaluation</p> <p>The information to resolve this question is linked to the <b>DCD PSC plan</b>. The procurement specs and other material to be audited during the PSC audit will resolve most if not all of this question although RCOLA followup may be needed. (see also RAI-244, question 03.09.06-21)</p> <p><b>Question 03.11-19</b> - In Evaluation</p> <p>Resolution of this questioned is tied to DCD questions re MUAP-08015, US-APWR Equipment Qualification Program. Once the <b>DCD issues</b> are resolved, this RCOLA question may be resolved as well or followup may be necessary.</p> <p><b>Question 03.11-20</b> - Resolved-Closed</p> <p>DCD submitted EQ Program update 11/1/2012.</p> <p>2013-01-09 - Staff reviewing DCD now and RCOLA next. ECD two to three weeks (about 1/30/13). 2013-02-27 update - still working DCD. No ECD for RCOLA.</p>	<p><b>NRC review response.</b></p> <p><b>US-APWR DCD effort needed to resolve via PSC and MUAP-08015 reviews.</b></p>	2/27/2012
8.2-31 RAI-263 (6884) NRCB re Loss of one phase offsite power	<p>One question (8.2-31) with three parts. Concerns the Byron event where a problem on one phase of offsite power resulted in unit trip. Response submitted via TXNB-12040 on 11/29/2012.</p>	1	<p><b>Question 8.2-31</b> - In Evaluation</p> <p>2012-11-01 - Clarifying conference call held. 2012-11-07 update - <b>Luminant and Mitsubishi working on the response</b> to address various challenges as identified by operating plants.</p> <p>2012-11-12 Luminant requested an extension to 12/3/12.</p> <p>2012-11-21 extension granted.</p> <p>2013-01-09 - NRC staff may request a conference call to discuss the Luminant response.</p>	<p><b>NRC review response.</b></p> <p><b>NRC staff, Luminant and MHI/MNES to continue to investigate and to follow proposals and progress by the nuclear industry.</b></p> <p><b>Industry public meeting expected in February 2013.</b></p>	11/29/2012
			<p><b>Open Item 19-1 - Question 19-24</b> - In</p>		

<p>19 RAI-268 (6913) 19-24,25,26 COL Items, RI, Tech Adeq - OI 19-1, 19-2 and 19-3</p>	<p>Three PRA related questions. 19-24 - COL action items 19-25 - Use of PRA and RIed applications 19-26 - Plant-specific PRA technical adequacy</p> <p>Response provided in TXNB-12043 dated 12/18/2012.</p>	<p>1</p>	<p>Evaluation (Open Item 19-1)</p> <p><b>Open Item 19-2 - Question 19-25</b> - Confirmatory Action NRC (Open Item 19-2)</p> <p><b>Open Item 19-3 - Question 19-26</b> - Confirmatory Action NRC (Open Item 19-3)</p> <p>2012-11-20 Added to eRAI Table. 2013-04-17 update - questions 25 and 26 are being made confirmatory. 2013-04-29 update - Chantge questions 25 and 26 from IE to CAN 2013-05-23 Update - NRC reported that question 24 to be UC with followup RAI. 2013-07-18 update - at DCWG meeting, NRC reported that <b>more COL items are expected from DCD</b>. Q19-24 will remain IE until the DCD items are settled.</p>	<p><b>NRC review question 19-24 response.</b></p> <p><b>Confirm content FSAR R4 and update SE re 19-25 and 19-26.</b></p>	<p>12/18/2012</p>
<p><b>Fukushima related (2)</b></p>					
<p>01.05 RAI-269 (6929) Rec 4.2</p>	<p>COL item re NTTF Recommendation 4.2 for mitigating strategies.</p> <p>Luminant responded via TXNB-13001 on 1/17/2013.</p>	<p>1</p>	<p><b>Question 01.05-4</b> - In Evaluation</p> <p>2013-01-09 - Luminant informed NRC that the response will be modeled after the approach taken for programs in Chapter 13. An FSAR update will include a table which lists post-COL Fukushima actions and a licensing condition to control the completion of those actions. NRC confirmed that a response of this nature is acceptable for review.</p>	<p><b>NRC review response.</b></p>	<p>1/17/2013</p>
<p>01.05 RAI-261 (6527) Post-Fukushima Questions</p>	<p>Three questions re actions to be taken Post-Fukushima.</p> <p>01.05-1 Seismic Hazard Evaluation (Recommendation 2.1)</p> <p>01.05-2 Spent Fuel Instrumentation (Recommendation 7.1)</p> <p>01.05-3 Emergency Planning (Recommendation 9.3)</p> <p>Luminant provided schedules for these three recommendations re TXNB-12027 dated 7/24/12.</p> <p><b>Supplemental response to 01.05-1 provided by TXNB-13020 on 6/19/13.</b></p> <p>Supplemental responses to 01.05-2 and 3 provided by TXNB-13026 on 8/1/13.</p>	<p>2</p>	<p>Luminant provided a schedule to develop and submit complete responses to address the recommendations. These activities are being tracked by commitments.</p> <p><b>Question 01.05-1</b> - In Evaluation <b>Question 01.05-2</b> - In Evaluation <b>Question 01.05-3</b> - Issued, Waiting for response</p> <p>2031-04-15 eRAI update - Q3 fm IE to IW 2013-08-01 update - TXNB-13026 and 13025 closed remaining commitments. <b>2013-08-05 update - q1 from IW to IE</b> 2013-08-26 update - Q2 fm IW to IE</p>	<p><b>NRC review responses and update question status as appropriate.</b></p> <p><b>Luminant provide supplemental responses to questions 2 and 3 per commitments.</b></p>	<p>8/1/2013</p>
<p><b>IHCP Related (3)</b></p>					
<p><b>RAI-147</b> Q 2.4.12-8 to 17 Response = meeting +60days. Luminant submitted</p>	<p>Q 2.4.12-8 to 17 Response = meeting +60days. Luminant submitted</p>		<p><b>Questions 02.04.12-10, 13, 14, 15 and 16</b> - In Evaluation <b>Questions 02.04.12- 8, 9, 11, 12 and 17</b> - In Evaluation</p> <p>NRC issued white paper 10/12/11. Conf call held 10/26/11. White paper provided which included many of the basic parameters needed to address hydrology, groundwater and</p>		

<p>02.04.12 RAI-147 (4314) Groundwater</p>	<p>draft meeting materials (TXNB-10039 6/1). Public meeting held 6-28-2010. See TXNB-10060 of 8/26/10. Supplement provided in TXNB-11057 dated <b>8/29/2011</b>. Supp 03 provided in TXNB-11082 on 1/1/28/11. Included fill properties and extent of above ground fill. S04 provided via TXNB-13013 on 4/29/13.</p>	<p>10</p>	<p>leakage paths. Public meeting held 3/27/12. To be revised/supplemented as part of IHCP. 4 of 5 CNs in COLA R2. Q02.04.12-8 not in COLA R2 6/28/2012 update - Changed 5 questions from Confirmatory to Issued pending implementation of IHCP. Per Update 1, the planned submittal for RAI-147 related topics is changed from 3/29/13 to 1/31/13. 2013-07-15 update - all questions changed to In Evaluation.</p>	<p><b>NRC review responses as supplemented by S04.</b></p>	<p>4/29/2013</p>
<p>02.04.02 RAI-139 (4309) Flood Calc</p>	<p>Q 2.4.2-2. Will develop responses by modifying current calculations and conclusion that SBR is not a proposed feature. See TXNB-10052 dated 7/16/10. RAI-139 Supplement issued 10/21/11 via TXNB-11066. Supplemental response to RAI-139 provided via TXNB-13016 on 5/13/13. Revised disc sent 6/19/13 to remove incorrect proprietary label.</p>	<p>1</p>	<p><b>Question 02.04.02-2</b> - In Evaluation NRC issued white paper on 11/12/11. Conference call held on 12/1/11. Several items identified for clarification by Luminant. All but one are impacted by the changes in the DCD Layout. Luminant to update 12/31/12 as part of IHCP. 6/28/2012 update - Changed from Confirmatory to Issued pending implementation of IHCP. Per Update 1, the planned submittal for RAI-139 related topics is changed from 12/31/12 to 4/30/13. <b>2013-06-24 update - question changed from IW to IE</b> 2013-03-19 Update - due to issues re finalizing the GWL Model and Calculations, the submittal date has been moved from 4/30/13 to 5/17/13.</p>	<p><b>Updates planned as part of IHCP on 4/30/2013 5/17/2013.</b> <b>NRC continue review with supplemental response.</b></p>	<p>5/13/2013</p>
<p>02.04.13, RAI-145(4315) Rad Liq Release</p>	<p>Assumptions, inputs being used, and calc methods were discussed in a public meeting 6-28-2010. Q 2.4.13-5, 6, 7 Response in 90 days after the meeting depending on results. Luminant submitted draft meeting materials (TXNB-10039 6/1). Luminant response submitted via TXNB-10063 on 9/16/10. Supplemental responses submitted via TXNB-11057 on 8/29/11. Response to RAI-145 Supplement 2 provided by TXNB-13018 on 5/28/13.</p>	<p>3</p>	<p>Q 02.04.13-5, 6, and 7. Based on eRAI dated 8/31/2011 were statused as confirmatory. Supp response submitted 8/29/11. 9/28/11 eRAI Report, changed from Confirmatory to Responed. NRC issued white paper 10/12/11. Conf call held 10/26/11. Public meeting cancelled. Public conference call planned for week of December 12, 2011. 2/7/12 Changed from Responed to Confirmatory. Response to be revised/supplemented as part of IHCP. 6/28/2012 update - Changed from Confirmatory to Issued pending implementation of IHCP. Per Update 1, the planned submittal for RAI-145 related topics is unchanged. <b>Questions 02.04.13-5, 6 and 7</b> - In Evaluation 2013-06-24 update. Question 5 and 6 moved</p>	<p><b>Revised response to be provided 3/29/2013 4/30/2013 July or August in late May 2013 as part of IHCP.</b> <b>NRC review RAI-145 S02</b></p>	<p>5/28/2013</p>

<b>NRC Review Ongoing (2)</b>						
03.04.01 RAI-275 (7099) re CST Failure	One question re capability to handle a CST failure and an error in a left-hand-margin entry. Response provided via TXNB-13019 on 6/19/13.	1	<b>Question 03.04.01-1</b> - In Evaluation 2013-05-28 Update - added to eRAI as IW <b>2013-06-24 update - changed from IW to IE.</b>	<b>NRC review response.</b>	6/19/2013	
13.06.01 RAI-234 (6068) Security Followup	<b>Open Item:</b> See Chapter 13 SE with OIs. 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. TXNB-12005 of 2/20/12 provided a submittal date of 10/31/12. HAE and PSP R3 provided by TXNB-13021 on 6/27/2013 which also references MHI HAE submittal via UAP-HF-13164 on 6/26/2013.	2	<b>Open Item 13.6-1</b> - Security 2/15/12 Update - Discussed need to updated HAE one more time to address all layout changes and new scenarios based on this RAI response. Proposed date has been changed by Standard Plant layout changes. New date June 2013. <b>Question 13.06.01-57</b> - In Evaluation <b>Question 13.06.01-58</b> - In Evaluation The PSP will also be updated to reflect plant layout changes resulting from seismic design reviews. <b>2013-08-26 update - Qs 57 and 58 fm IW to IE</b>	<b>NRC Review response.</b> <del>Luminant provide HAE revision.</del>	6/27/2013	

**Totals:**

Total: **10**

CPNPP Units 3 and 4

CONFIRMATORY QUESTIONS

# Licensing Conference Calls

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Title ▼▲	CA R2 ▼▲	CA R3 ▼▲	CA R4 ▼▲	Responded ▼▲
<b>02 (2)</b>				
02.05.05 RAI-019 (2930) Stability of Slopes	1			10/28/2009
02.05.04 RAI-223 (5716) ITAAC Concrete Fill		1		7/28/2011
<b>03 (6)</b>				
03.07.02 RAI-060 (2879) Seismic	4			11/24/2009
03.07.02 RAI-192(5255) Concrete	2			1/27/2011
03.07.02, RAI-221 (5798) SASSI and DCD Seismic		2		8/4/2011
03.09.06 RAI-244 (6222) IST			1	6/13/2012
03.06.01 RAI-262 Pipe Hazards			1	9/26/2012
03.03.02 RAI-250(6342) Hurricane Missiles			1	5/13/2013
<b>06 (3)</b>				
06.04 RAI-240 (6158) CRH Habit			1	6/13/2012
06.02.02 RAI-271 (6965) COL 6.2(6)			1	1/17/2013
06.02.02 RAI-272 (6997) Cntrmt Cleanliness			2	6/19/2013
<b>09 (6)</b>				
09.01.05 RAI-052 (3294) Heavy Loads			1	6/13/2012
09.02.05 RAI-252 (6358) UHS			8	9/10/2012
09.02.01 RAI-251 (6348) ESWS			5	12/3/2012
09.05.04 RAI-265 (6775) Vault and Tunnel HVAC			1	12/18/2012
09.04.05 RAI-266 (6898) Room and Duct Heaters			2	12/18/2012
09.04.05 RAI-243 (6124) UHS Vent			1	3/4/2013
<b>10 (1)</b>				
10.04.08 RAI-237 (6166) SGBD			1	12/8/2011
<b>12 (1)</b>				
12.3-12.4, RAI-135(4206), Contam Minimization			1	7/28/2011
<b>13 (2)</b>				
13.04 RAI-255 (6447) Table Error			1	5/16/2012
13.03 RAI-258 (6449) EALS			3	7/16/2012
<b>14 (5)</b>				
14.03.07 RAI-273 (7006) UHS Pmp Hs ITAAC			1	
14.02 RAI-098 (3790) IST			1	6/7/2012
14.02 RAI-257 (6457) UHS Testing			1	11/12/2012
14.03.07 RAI-254 (6403) Testing for UHS Components			1	11/26/2012



14.03 RAI-056 (2583) ASME ITAAC				1	3/4/2013
<b>16 (1)</b>					
16 RAI-090 (3113) PTS and Bases				1	3/4/2013
<b>19 (3)</b>					
19-20 RAI-259 (6441) RITS External Events				1	6/21/2012
19 RAI-268 (6913) 19-24,25,26 COL Items, RI, Tech Adeq - OI 19-1, 19-2 and 19-3				2	12/18/2012
19.02 RAI-274(7059) H2 Burns				1	6/27/2013

**Totals:**

Total: **30**