

PMComanchePeakPEm Resource

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Subject: 2013-05-15 Talking Points for COLA Status Conference Call
Attachments: Talking Points.pdf

See attached.

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Luminant Power

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Talking Points

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	00 Misc (5)				
	010 Logistics (2)				
	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.	Luminant and NRC staff responded to petition. NRC staff to address based on direction from Commission.	9/28/2014
	WCR Petition	A petition has been filed in 19 proceedings to hold in abeyance 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.	Luminant and NRC staff answered petition within 10 days. NRC staff resolve within 24 months.	9/28/2014
	090 Action CPNPP (1)				
	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)	Luminant provide July 2013 update.	7/31/2013
	100 Action NRO (1)				
	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. 2013-04-12 NRC report that EA sent to Fed Register. Letter to Luminant is ready to go. 2013-05-01 update - waiting for Fed. Reg. number to insert into letter.	NRC review and respond.	3/29/2013
	120 ACRS (1)				
		* DCD Chap 6 and TR 7001 Adv	* Chap 5 (1/2 day), May 27 - COMPLETE. * Chap 8, 10 Aug 17-18 - COMPLETE * Chap 11, 12, & 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		

	ACRS Subcommittee Meeting Schedule	Acc ; RCOLA Ch 6 (9/17-18/13) * DCD Ch1, Ch 3 (less 3.7 & 3.8); COLA Ch 1, Chap 3 (less 3.7 & 3.8), and Ch 9 (10/16-17/13) * DCD Ch 14 - tentative for 11/5/13 * ACRS Full Committee (11/7/13) tentatively p2, p3, 6, 7, and 9	* 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 & 19, 2012 - COMPLETE * COLA Chap16, 17 & 19; DCD Chap 17 & 19 (except two sections) - Feb 21-22,2013 - COMPLETE * ACRS Full Committee RCOLA Chs 4, 13, 15, 16, 17 and 19; DCD Chs 4, 15, 17 and 19 (except two sections) and 5 TeRs (4/11/13) - COMPLETE * COLA & DCD - Chap 7; COLA - 2.0 to 2.3 (4/25 & 26/13) - COMPLETE *COLA 2.4, 2.5, 3.7, 3.8, 14 & 18 - TBD	NRC - continue to provide updated schedules.	9/19/2013
01 (9)					
026 Overall Chapter Status (1)					
IN PHASE 2					
1 - INTRODUCTION AND GENERAL DESCRIPTION OF THE PLANT	SER W/ OIs - TBD (ECD Sept 2013) ACRS Subc - 10/16-17/13 ACRS Full - TBD ACRS W/O OIs - TBD Phase 4 (ASER W/O OIs) - TBD	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.	NRC provide schedule for SE. NRC complete SER W/ OIs		10/10/2012
030 IW - Issued/Waiting for Response RAIs (1)					
01.05 RAI-261(6527) Post-Fukushima Questions	Three questions re actions to be taken Post-Fukushima. 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.	Luminant provided a schedule to develop and submit complete responses to address the recommendations. These activities are being tracked by commitments. Question 01.05-1 - Issued, Waiting for response Question 01.05-2 - Issued, Waiting for response Question 01.05-3 - Issued, Waiting for response 2031-04-15 eRAI update - Q3 fm IE to IW	NRC review responses and update question status as appropriate. Luminant provide supplemental responses to questions per commitments.		8/9/2012
035 IE - In Evaluation RAIs (1)					
01.05 RAI-269 (6929) Rec 4.2	COL item re NTTF Recommendation 4.2 for mitigating strategies. Luminant responded via TXNB-13001 on 1/17/2013.	Question 01.05-4 - 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.	NRC to review and update eRAI Table.		1/17/2013
041 OI - SER Open Item (1)					
			PLAN AGREED UPON -		

01-03 RAI-154 (4494) DCD Reference Open Item	Question 01.01-3 Update COLA to reference DCD as approved by rulemaking. Luminant to address final DCD as adopted by rulemaking - 2011.	SER Open Item: Question 01-3. No update in 10/26/2011 eRAI Report. Question status is "Waiting for Official Response"	Luminant to reference Part 52 appendix and approved DCD.	6/30/2014
	Open Item 1-1 Referenced in several other SEs (e.g., chapet 8)	Question 01.03-3 - Issued Waiting for Response	Luminant respond after US-APWR certification is complete.	
070 Site Visits/Audits (1)				
ISG 22, Impact on operating units	Potential audit on site to assess Luminant's plans to address potential impacts on operating units, including emergency plans.	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.	NRC propose dates for visit.	
090 Action CPNPP (4)				
01.05-1 Supplement Response re CEUS	In the response to RAI 261-6527, Question 01.05-1, Luminant committed to submit a supplement to the response describing the activities completed to address the updated EPRI guidance on earthquake sources in the CEUS. TXNB-13008 of 3/18/13 changed committed date to 6/30/13. TXNB-13015 provided FSAR update re CEUS on 5/13/13.	60 days after submittal of FSAR Rev 3 UTR Rev 1 <i>Submittal date being reconsidered based on an integrated update to the FSAR to address DCD Fukushima updates and the specific R-COLA RAIs.</i> 2013-03-05 update - luminant changed submittal date for supplemental response from 4/29/13 to 6/30/13.	Luminant submit supplement.	6/30/2013
01.05-2 Supplement Response re Procedures and Training for Spent Fuel Pool Inst	In the response to RAI 261-6527, Question 01.05-2, Luminant committed to provide a supplement to the response and include necessary changes to the COLA describing implementation of the procedure and training provisions of Recommendation 7.1 regarding new spent fuel pool instrumentation. Committed date changed to 8/9/13 via TXNB-13008 on 3/18/13.	90 days after MHI submittal of US-APWR DCD revisions. <i>Submittal date being reconsidered based on an integrated update to the FSAR to address DCD Fukushima updates and the specific R-COLA RAIs.</i> 2013-03-05 update - luminant changed submittal date for supplemental response from 5/29/13 to 7/31/13.	Luminant submit supplement.	8/9/2013
01.05-3 Supplemental Response re Offsite Communications	In the response to RAI 261-6527, Question 01.05-3, Luminant committed to provide the results of an evaluation of the offsite communication equipment provisions in accordance with NEI 12-01, Revision 0 in a supplement to the response and include necessary changes to the COLA. Changed committed date to 8/9/13 via TXNB-13008 dated 3/18/13.	90 days after MHI submittal of US-APWR DCD revisions. <i>Submittal date being reconsidered based on an integrated update to the FSAR to address DCD Fukushima updates and the specific R-COLA RAIs.</i> 2013-03-05 update - luminant changed submittal date for supplemental response from 5/29/13 to 7/31/13.	Luminant submit supplement.	8/9/2013

	COLA update re Fukushima	Luminant to update the FSAR and other appropriate parts of the COLA to reflect Fukushima recommended actions.	2013-03-19 Update - submittal date changed to 8/9/13 to be consistent with RAI-261 commitments.	Luminant submit COLA updates.	8/9/2013	
02 (18)						
026 Overall Chapter Status (3)						
	2.4 - Hydrology	Phase 2 2.4 Hydrology SER W/ OIs - TBD (ECD Nov 2013) ACRS Subc - TBD (ECD Dec 2013) ACRS Full - TBD ACRS W/O OIs - TBD	2013-03-26, Red-line strike-out update of IHCP and ISCP provided to NRC. 2013-04-18 NRC requested a clean update to the IHCP. Update 2 to IHCP provided 5/1/13 via TXNB-13014. A time frame for 2.4 and 2.5 should be proposed (after IHCP submittals/reviews). 2013-03-26, Red-line strike-out update of IHCP and ISCP provided to NRC. 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. Update 2 to IHCP provided 5/1/13 via TXNB-13014.	Luminant provide IHCP Products. NRC complete reviews and SER.	5/3/2013	
	2.5 - Geotechnical	Phase 2 2.5 Geology SER W/ OIs - TBD (ECD Nov 2013) ACRS Subc - TBD (ECD Dec 2013) ACRS Full - TBD ACRS W/O OIs - TBD	2013-03-26, Red-line strike-out update of IHCP and ISCP provided to NRC. 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. Update 2 to IHCP provided 5/1/13 via TXNB-13014.	Luminant provide IHCP products. NRC complete reviews and tech input for SER W/OI.	5/3/2013	
	2.0 to 2.3 - Geo/Demo/Local Facil/Meteor	Phase 3 2.0-2.3 SER W/ OIs -March 11, 2013 Complete ACRS Subc - April 25 & 26, 2013 Complete ACRS Full - 11/7/2013 ACRS W/O OIs - TBD	One section 2.0-2.3 open item: Open Item 2.3.4 - MCR and TSC X/Q values. (Values provided in FSAR R3 UTR R0 submitted via TXNB-13003 dated 2/28/13) 2013-03-22 update - Luminant confirmed SE contains no material to be withheld from public. Some minor suggested corrections identified.	NRC review FSAR R3 UTR R0 to close open item. NRC address Luminant suggestions re SE.	11/7/2013	
041 OI - SER Open Item (1)						
	Open Item 2.3.4 Atmo Dispersion	Provide MCR and TSC X/Q values. Values provided in FSAR R3 UTR R0 via TXNB-13003 dated 2/28/13)		NRC review UTR to close Open Item and prepare ASER.	2/28/2013	
045 Recent Letters (2)						
	TXNB-13015 FSAR R3 UTR R1	Multiple updates to FSAR including CEUS.		NRC consider during reviews.	5/13/2013	
	TXNB-13016 RAI-139 Supp re Surface Water	Address surface water issues.		NRC staff review supplemental response.	5/13/2013	
094 Complete Closure Plan Activity (6)						
			Questions 02.04.12-10, 13, 14, 15 and 16 - Resolved-Closed			
			Questions 02.04.12- 8, 9, 11, 12 and 17 -			

02.04.12 RAI-147 (4314) Groundwater	RAI-147 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 8/29/2011. 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.	Issued/Waiting for Response 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 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. In order to address the feedback received from the Public Meeting in October 2012, the submittal date has moved from January 2013 to March 2013. 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.	NRC update eRAI and review response as supplemented by S04.	4/29/2013	
02.04.12-1 Groundwater Open Item	RAI-147 related. Luminant, prepared and submitted an overarching description. Luminant supplemented RAI-147 (S02), Q 02.04.12-8 re ground water flow in Glen Rose Formation. Response to RAI-22 Q 02.04.05-11 revised to properly reflect groundwater level. See TXNB-11057 dated 8/29/2011. Supp 03 provided by TXNB-11082 on 11/28/11 and included fill properties and extent of above ground fill. S04 provided via TXNB-13013 dated 4/29/13.	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. See updates re submittal for RAI-147. 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.	NRC review supplement.	4/29/2013	
	RAI-147 related Groundwater in existing soil structure Need: Address different interpretations re groundwater in existing soil based	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.			

02.04.12-3 Groundwater Open Item	on slow rise of level in some monitoring wells. Luminant, incorporate alternate interpretations re groundwater in overarching description. Luminant supplement RAI-147 (S02), Q 02.04.12-9 re shallow ground water. See TXNB-11057 dated 8/29/2011. S04 provided via TXNB-13013 dated 4/29/13.	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. Per Update 1, the planned submittal for RAI-147 related topics is changed from 3/29/13 to 1/31/13. See updates re submittal for RAI-147. 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.	NRC review supplement.	4/29/2013	
02.04.02 RAI-139 (4309) Flood Calc	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.	Question 02.04.02-2 - Issued/Waiting for Response 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. 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.	Updates planned as part of IHCP on 4/30/2013 5/17/2013. NRC continue review with supplemental response.	5/13/2013	
02.04.02-1 Surface Flooding Open Item	Onsite Flooding from potential Intense Precipitation. Need: Weakness in surface flooding calc need to be addressed. Luminant submitted an updated response via TXNB-11066 on 10/21/11. RAI-139 S01 (Q 02.04.02-2). Supplemental response to RAI 139 provided via TXNB-13016 on 5/13/13.	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.	Luminant to address/update as part of IHCP in 4/30/2013 5/17/2013 supplement to RAI-139. NRC continue review with supplemental information.	5/13/2013	
	Surface Flooding Need: Discussion re erosion due to onsite flooding and drainage, the	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.			

	impact of 3 & 4 drainage on 1 & 2 (boundary), and ongoing actions to ensure design drainage remains available (e.g., surveillances, operation observations, housekeeping) RAI-139 S01 (Q 02.04.02-2). RAI-139 supplement issued 10/21/11 via TXNB-11066. RAI 139 supplemental response provided via TXNB-13016 on 5/13/13.	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.	Luminant to address/update as part of IHCP on 4/30/2013 5/17/2013. NRC consider supplemental response during review.	5/13/2013
095 Closure Plan Activity (6)				
02.04.12-4 Leakage Paths Open Item	Potential error in calculation Luminant has provided a clarification which was included in COLA Rev. 2 dated 6/28/11.	NRC issued a white paper 10/12/11. Conf call planned for 10/26/11. 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.	Luminant to address/update as part of IHCP including a supplement to RAI-145. Luminant to provide input/output files for RESRAD model. Update FSAR 2-3-13 3/29/2013 4/30/2013 July or August 2013.	5/31/2013
02.04.12-5 and 02.04.13-2 Vertical Flow Paths Open Item	Potential vertical leakage path Need: Quantitative assessment of a vertical leakage path to groundwater below. Luminant, pursue options to provide quantitative assessment. RAI-145, Q 2.4.13-5, 6, and 7.	NRC issued a white paper 10/12/11. Conf call held 10/26/11. In lieu of conference 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	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	5/31/2013

	See TXNB-11057 dated 8/29/2011.	the GWL Model and Calculations, the submittal date has been moved from 3/29/13 to 4/30/13.	2013.	
02.04.13, RAI-145 (4315) Rad Liq Release	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.	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. 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. Questions 02.04.13-5, 6 and 7 - Issued/Waiting for Response 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.	Revised response to be provided 3/29/2013 4/30/2013 July or August in late May 2013 as part of IHCP. 5/31/2013	
02.04.13-3 RAI-145 Open Item	Horizontal Leakage Path for Tank Failure 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 physics involved and to identify and	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 finalizing the GWL Model and Calculations, the submittal date has been moved from 3/29/13 to 4/30/13.	Luminant to address/update as part of IHCP and as part of supplement to RAI-145 3/29/2013 4/30/2013 July or August in late May 2013. 5/31/2013	

	justify assumptions used. RAI-145 S01, Q2.4.13-5, 6 & 7. See TXNB-11057 dated 8/29/2011.	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.		
		2/1/12 Update - NRC asked that Luminant resend the RAI response. 2/7/12 Luminant provided response and eRAI table changed Q 02.05.04-26 to Responded. Project status report says RAI-233 is confirmatory. 4/17/12 Update - Discussed during 3/27/12 Public Meeting on hydrology. 4/27/2012 updated. Included in IHCP and response scheduled for 2/28/2012. 2012-06-20 update - NRC may change question status to "Issued" for this RAI and other RAIs related to the IHCP. 6/28/2012 update - Changed from Responded to Issued pending implementation of IHCP. Per Update 1, the planned submittal for RAI-233 related topics is changed from 2/28/13 to 5/31/13.	Luminant to address/update as part of IHCP and scheduled date for supplemental response is 5/31/2013 9/30/2013.	9/30/2013
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.	Question 02.05.04-26 - Issued/Waiting for Response 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.		
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 laterla 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.	Luminant submit revised response to RAI-233 and address other stability and structural issues on 5/31/2013 9/30/2013.	9/30/2013
03 (17)				
026 Overall Chapter Status (2)				
3 - DESIGN OF STRUCTURES, SYSTEMS, COMPONENTS, AND EQUIPMENT (less 3.7 and 3.8)	Phase 2 Ch 3 less 3.7 and 3.8 SER W/ OIs - TBD (ECD Sept 2013) ACRS Subc - 10/16-17/13 ACRS Full - 11/7/2013 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).	Complete reviews and tech input for SER W/OI.	10/10/2012
		A time frame should be set for 3.7-3.8 ACRS after ISCP submittals and reviews.		

	Phase 2 3.7 and 3.8 SER W/ OIs - TBD (ECD Feb 2014) ACRS Subc - TBD (ECD March 2014) ACRS Full - TBD ACRS W/O OIs - TBD	2013-03-26, Red-line strike-out update of IHCP and ISCP provided to NRC. 2013-04-18 NRC requested updated version of ISCP. Update 2 to ISCP provide 5/1/13 via TXNB-13014.	Luminant provide ISCP products. NRC complete technical reviews and issue SER.	5/3/2013	
030 IW - Issued/Waiting for Response RAIs (1)					
03.09.06 RAI-244 (6222) IST	Questions 03.09.06-21, 22, and 23. Relate to IST and procurement specifications. Will be answered along with RAI-239. Due date extended to 1/31/2012 to be consistent with RAI-239. Clarifying conference call held. 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).	Question 03.09.06-21 - Issued waiting for response 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. 2013-04-03 update - Resolution linked to DCD PSC audit which will include sample procurement specs. (see aslo RAI-239(6159) question 03.11-18 Question 03.09.06-22 - Confirmatory Action Applicant 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. Question 03.09.06-23 - Resolved-Closed	NRC review responses. Question 21 to be changed to an open item for closure in Phase 4. US-APWR DCWG work with NRC to develop products as part of DCD PSC plan and for DCD PSC audit.	12/31/2012	
035 IE - In Evaluation RAIs (2)					
03.11 RAI-239 (6159) EQ Followup - Questions 03.11-18, 19 and 20	Q 03.11-18 followup to Q 03.11-1. The NRC is preparing a followup question to 03.09.06-13 which is very similar to this question. Q 03.11-19 followup to Q 03.11-2. Describe the transition from the initial EQ program to the EQ program to be implemented during plant operation. Q 03.11-20 followup to Q 03.11-11. License condition for program implementation. 12/15, NRC granted extension to 1/31/2012. Response submitted via TXNB-12006 on 2/27/12.	Question 03.11-18 - In Evaluation The information to resolve this question is linked to the DCD PSC plan. 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) Question 03.11-19 - In Evaluation Resolution of this questioned is tied to DCD questions re MUAP-08015, US-APWR Equipment Qualification Program. Once the DCD issues are resolved, this RCOLA question may be resolved as well or followup may be necessary. Question 03.11-20 - 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.	NRC review response. US-APWR DCD effort needed to resolve via PSC and MUAP-08015 reviews.	2/29/2012	

	03.03.02 RAI-250 (6342) Hurricane Missiles	One question, 03.03.02-9. Relates to a new regulatory guide on hurricane winds. Luminant responded in TXNB-12032 dated 9/14/12. Supplemental response provided via TXNB-13016 on 5/13/13.	This RAI is linked to the final response from MHI to RAIs (908-6327 and 907-6321) related to RG 1.221 RO which are scheduled to be submitted by the end of August 2012. 9/24/12 update - chg from IW to IE. 2013-01-09 - Review being delayed by need to coordinate multiple chapters. No ECD. Question 03.03.02-9 - In Evaluation 2013-04-04 update - NRC has identified some points that need clarification.	NRC review Luminant's response and the supplemental response. Luminant will issue a supplement response to provide clarifications based on NRC feedback.	5/13/2013	
045 Recent Letters (2)						
	TXNB-13015 FSAR R3 UTR R1	Multiple FSAR updates including CEUS.		NRC review input.	5/13/2013	
	TXNB-13016 RAI-250 Supp S01	Addresses feedback re issues in original response re hurricanes and hurricane missiles.		Available for NRC consideration during reviews.	5/13/2013	
094 Complete Closure Plan Activity (4)						
	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.	NRC use evaluation as appropriate in reviewing CPNPP seismic design.	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, 2.3 and Appendix 3K); Atmospheric dispersion (2.0 and 2.3); Aircraft hazards (3.5); Main control room habitability (6.4); Unit Switchyard layout (8.2); Grounding and lightning protection and HVAC electric load changes (8.3); ESW system re plant layout (9.2); 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.	NRC review material.	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)	Update 1 to ISCP changed the submittal date from 11/12 to 3/13.	NRC consider in reviews.	3/28/2013	

	ER R3 UTR R0 submitted 3/28/13 via TXNB-13009.				
3.7-3.8-50 FSAR R3 UTR R1	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. 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.	Submitted for NRC review.	5/13/2013	
095 Close Plan Activity (6)					
3.7-3.8-30 Physical Security Plan and High Assurance Evaluation	Via separate letter, updates to the Physical Security Plan and High Assurance Evaluation will be developed to include plant layout changes.	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.	Luminant prepare and submit PSP updates. Luminant work with MHI re submittal of HAE update.	6/28/2013	
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)	Questions 03.07.02-26 and 27 - Issued/Waiting for Response The 2/14/12 eRAI Table listed RAI-226 questions 03.07.02-23 and 24 as Confirmatory Action NRC. 4/16/12 Update - Luminant has rolled the response to this RAI into the ISCP. 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.	Luminant prepare and submit responses 6/28/2013 8/16/2013.	8/16/2013	
3.7-3.8-60 FSAR R3 UTR R2	Updates to site-specific seismic analyses in 3.7, 3.8 and Appendices 3H, 3I, 3J, 3KK, 3LL, and 3MM). 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).	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. Response to RAI-254 (6403) (TXNB-12038) noted that F 9.2.5-1R will be revised when F 3.8-206 is completed. 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.	Luminant prepare and submit UTR 6/28/2013 8/16/2013.	8/16/2013	
3.7-3.8-63 RAI-221 Supplement	Supplent response to RAI-221 to reflect updated site-specific seismic analysis.	Update 1 to ISCP changed the submittal date from 4/13 to 6/13. 2013-03-19 Update - due to issues re finalizing	Luminant prepare and submit supplement 6/28/2013 8/16/2013.	8/16/2013	

			the GWL Model and Calculations, the submittal date has been moved from 6/28/13 to 8/16/13.		
	3.7-3.8-66 RAI-226 Supplement	Supplent response to RAI-226 to reflect updated site-specific seismic analysis.	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.	Luminant prepare and submit supplement 6/28/2013 8/16/2013.	8/16/2013
	3.7-3.8-80 FSAR R3 UTR R3	UTR to include site-specific analysis of NI complexes 3.7, 3.8 and Appendix 3NN).	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.	Luminant prepare and submit UTR August 2013 9/30/2013.	9/30/2013
04 (1)					
026 Overall Chapter Status (1)					
	4 - REACTOR	Phase 4 SER W/ OIs - Complete 9/11/2012 ACRS Subc - Complete October 2012 ACRS Full - Complete 4/11/13 ACRS W/O OIs - TBD Phase 4 - July 2013	0 Ch 4 Open Items ASER Constraints: DCD Topical Reviews DCD ASER There will be no phase 5 (ACRS review of ASER) for this chapter.	Prepare ASER.	11/21/2012
05 (2)					
026 Overall Chapter Status (1)					
	5 - REACTOR COOLANT AND CONNECTING SYSTEMS	Phase 4 SER W/ OIs - Completed 4/29/11 ACRS Subc - Completed 5/27/11 ACRS Full - Completed 9/6/12 ASER W/O OIs - TBD (ECD April 2013) Phase 4 - March 2013	1 Ch 5 Open Item Open Item 05.02.03.01-1 (215-5363) ASER constraints: Confirmatory Items - None FSAR Revision - NA DCD ASER - ECD March 2013	NRC issue ASER. Provide ECD.	10/10/2012
042 OI - Resolved SER Open Item (1)					
	05.02.03.01-1 Open Item	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. Open Item 05.02.03.01-1	Open Item 05.02.03.01-1	NRC review response. NRC spreadsheet of 5/18 changed to confirmatory. NRC close in SE without OIs.	5/9/2011
06 (3)					
026 Overall Chapter Status (1)					
	6 - ENGINEERED SAFETY FEATURES	Phase 2 SER W/ OIs - July or August 2013 ACRS Subc - 9/17/18/13 ACRS Full - 11/7/2013 ASER W/O OIs - TBD		Complete reviews and tech input or SER W/OI. Confirm date for SE.	10/10/2012

037 UC-U Unresolved-Closed, Follow-up Unknown (1)					
06.02.02 RAI-272 (6997) Contmt Cleanliness	Two questions (06.02.02-6 and 7) regarding DCD references in the FSAR and containment cleanliness. Response submitted via TXNB-13005 on 3/4/2013.	Question 06.02.02-6 - Confirmatory Action NRC Concerns DCD references in FSAR. 2013-04-17 update - Q6 is being changed to confirmatory. 2013-04-29 update - changed from IE to CAN Question 06.02.02-7 - Unresolved-Closed Concerns containment cleanliness. Response addresses feedback from Units 1 and 2 and other operating plants. 2013-04-16 update - Question 7 will be an Open Item in the SE for 6.2. 2013-04-29 update - changed from IE to Unresolved-Closed	NRC to arrange a Public Conference Call to address containment sampling frequency. As a result of the call, the NRC may issue a letter.	3/4/2013	
075 Conference Calls (1)					
	Sampling Containment	Discussion needed regarding NRC expectations regarding containment sampling frequency for latent debris.	Discuss sampling frequency during call as scheduled.	5/15/2013	
07 (1)					
026 Overall Chapter Status (1)					
7 - INSTRUMENTATION AND CONTROLS	Phase 3 SER W/ OIs - 3/27/13 COMPLETE ACRS Subc - April 25-26, 2013 COMPLETE ACRS Full - 11/7/2013 ASER W/O OIs - TBD	0 Chapter 7 Open Items	Set date for ACRS Full Committee.	11/7/2013	
08 (5)					
026 Overall Chapter Status (1)					
8 - ELECTRIC POWER	Phase 4 SER W/ OIs - Complete July 2011 ACRS Subc - Complete August 17, 2011 ACRS Full - Complete 9/6/12 ASER W/O OIs - TBD	2 Ch 8 Open Items: 08.01-1 (2576 question 08.01-2) 08.02-1 (5116 question 08.02-30)	Resolve open items.	1/28/2013	
035 IE - In Evaluation RAIs (1)					
8.2-31 RAI-263 (6884) NRCB re Loss of one phase offsite power	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.	Question 8.2-31 - In Evaluation 2012-11-01 - Clarifying conference call held. 2012-11-07 update - Luminant and Mitsubishi working on the response to address various challenges as identified by operating plants. 2012-11-12 Luminant requested an extension to 12/3/12.	NRC review response. NRC staff, Luminant and MHI/MNES to continue to investigate and to follow by proposals and progress by the nuclear industry.	11/29/2012	

	Response submitted via TXNB-12040 on 11/29/2012.	2012-11-21 extension granted. 2013-01-09 - NRC staff may request a conference call to discuss the Luminant response.	Industry public meeting expected in February 2013.	
041 OI - SER Open Item (1)				
	NRC is asking questions re GDC-5. One question, 08.01-3, with four parts. Response provided via TXNB-12013 dated 5/16/2012. Open Item 08.01-1 (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).	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 Question 08.01-3 - Unresolved-Closed (changed from IE on 12/10/12) - no follow-up identified	NRC identify follow-up activity if any.	3/4/2013
042 OI - Resolved SER Open Item (1)				
	Question 08.02-30 is Open Item 08-02-1. 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. Response submitted in TXNB-10087 dated 12/16/10. S01 issued 9/16/11 via TXNB-11060.	Question 08.02-29 and 30 - 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 question 30 is being re-statused as Resolved-Close. 2012-10-09 status of 30 changed to RC.	PLAN AGREED UPON. NRC updated status of review. NRC close Open Item in SER without OIs.	12/17/2010
100 Action NRO (1)				
	Questions 08.01-1 and 2. RAI No. 2576 (CP RAI #9) responded in TXNB-09030 (8/11/2009) "we don't share." NRC is looking for a statement that sharing won't impair the ability to perform. Listed as OI 8.1-2 (the question number) on 7/5/2011 project status list. Luminant provided a supplemental response via TXNB-11055 dated 8/9/2011.	Resulted in Open Item 08.01-2. eRAI Table 2/7/12 removed Open Item. (Question 08.01-2 is closed/unresolved.) Question 08.01-1 is resolved/closed. CU-Q FU-Q 08.01-2 RAI-249 Question 08.01-3 2013-04-03 update - NRC is preparing a position paper. 2013-04-17 update - NRC is now considering a letter in lieu of a position paper. Luminant	NRC assess Luminant's revised position re GDC 5 and OPS. Prepare position paper letter if appropriate.	3/4/2013

	Supplemental response S02 issued via TXNB-11065 on 11/17/11. Luminant's revised position provided in TXNB-13007 of 3/4/2013.	requested that the letter not force application of GDC 2 and 4 to OPS. 2013-05-01 - NRC projects issuing a letter before 5/23 DCWG meeting.		
09 (3)				
026 Overall Chapter Status (1)				
9 - AUXILIARY SYSTEMS	Phase 2 SER W/ OIs - ECD June 2013 ACRS Subc - 10/16-17/13 ACRS Full - 11/7/2013 ASER W/O OIs - TBD	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. 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.	Complete reviews and tech input for SER W/OI. Working on DCD SE. COL SE to follow shortly thereafter. NRC confirm dates for SE.	10/10/2012
090 Action CPNPP (2)				
FSAR update re UHS Heat Load	An observation from Chap 9 audit concerned UHS heat load bounding scenario. An FSAR update needed to clarify scenario and heat load values. See TXNB-13015, FSAR R3 UTR R1, dated 5/13/13.	Luminant intends to include update in FSAR R3 UTR R0 which is scheduled for February of 2013, 2013-02-27 update - Luminant moved this change to FSAR R3 UTR R1 which is scheduled for April 2013.	Luminant submit updates to FSAR in FSAR R3 UTR R1. NRC consider during review.	5/13/2013
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.		Correct FSAR in COLA R4.	11/30/2013
10 (2)				
026 Overall Chapter Status (1)				
10 - STEAM AND POWER CONVERSION SYSTEM	Phase 4 SER W/ OIs - Complete July 2011 ACRS Subc - Complete 8/17/11 ACRS Full - Complete 9/6/12 ASER W/O OIs - TBD (ECD Jan 2014)	0 Ch 10 Open Items:	NRC resolve open items and issue ASER. Provide ECD for ASER.	10/10/2012
090 Action CPNPP (1)				
10.04.08 RAI-237 (6166) SGBD	Q 10.04.08-3 asks for additional details. TXNB-11084 dated 12/8/11 provides the Luminant response.	Question 10.04.08-3 - Confirmatory Action Applicant 2/28/12 Update - Linked to a DCD issue. Staff needs resolution on DCD issue first. NRC has requested a conference for 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	NRC review response. Luminant to include corrected figure in FSAR R4.	11/30/2013

			CA-A		
11 (3)					
026 Overall Chapter Status (1)					
	Phase 4	SER W/ OIs - Complete August 2011 ACRS Subc - Complete October 2011 ACRS Full - Complete 9/6/12 ASER W/O OIs - TBD Phase 4 - april 2013	2 Ch 11 Open Items: 11.02-1 (see RAI 224-5854, question 11.02-18 re Evap Pond sampling) 11.04-1 (see RAI-039-3401, question 11.04-4 re Interim Rad Waste Storage Bldg.)	Resolve OIs and Issue SER Without OI. Provide ECD for ASER.	10/10/2012
042 OI - Resolved SER Open Item (2)					
		RAI 39, 11.4-3 and 4, LWMS, 2 ques. Answers submitted via TXNB-09055 dated 10/19/09. Open Item 11.04-1 (question 11.04-4) - Resolved-Closed	CU-Q FU-Q 11.04-3 RAI-200 11.03-3 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.	NRC close open item in SER without open items.	10/19/2009
	11.02-18 RAI-224 (5854) Evap Pond Sampling	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. Open Item 11.02-1	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	NRC close out in SER without open items.	11/7/2011
12 (2)					
026 Overall Chapter Status (1)					
	Phase 4	SER W/ OIs - Complete August 2011 ACRS Subc - Complete October 2011 ACRS Full - Complete 9/6/12 ASER W/O OIs - TBD (ECD Jan 2014)	1 Ch 12 Open Item: 12.02-1 (see RAI-198) FSAR R3 UTR R0 may include updates due to ISCP. FSAR R4 scheduled for November 2013.	Resolve OIs and Issue SER without OIs. Provide schedule for ASER.	10/10/2012
042 OI - Resolved SER Open Item (1)					
	12 - RADIATION PROTECTION	Open Item 12.02-1 - license condition(s) re Parts 30, 40 and 70. 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. Clarification re rad protection	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. 2012-09-18 Update - All RAI-198 questions statused as Resolved-Closed.	NRC close open item in SER without open items.	11/14/2011

		supervisor provided via TXNB-11080 dtd 11/14/11.			
13 (5)					
026 Overall Chapter Status (1)					
		Phase 4 SER W/ OIs - Complete August 2012 ACRS Subc - Complete September 2012 ACRS Full - Complete April 11, 2013 ASER W/O OIs - TBD	2 Ch 13 Open Items: Non-security portions - None Open Item 13.6-1 - Security review - (HAE report update) Open Item 13.7-1 - FFD program review 2012-03-15 Luminant provided comments on the SE with OIs. 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.	Address Luminant comments on SE with Open Items. Provide schedule for ASER.	10/10/2012
030 IW - Issued/Waiting for Response RAIs (1)					
	13.06.01 RAI-270 (6963)	2013-03-28 RAI received by Luminant. Clarifying conference call held 4/30/13. It may take two letters to respond - one would be safeguards.	Question 13.06.01-59 - Waiting for Official Response Question 13.06.01-60 - Waiting for Official Response Question 13.06.01-61 - Waiting for Official Response Question 13.06.01-62 - Waiting for Official Response Question 13.06.01-63 - Waiting for Official Response 2013-04-03 update - agreed upon a 5/31/13 response submittal date.	Luminant submit response.	5/31/2013
041 OI - SER Open Item (2)					
	13.07 RAI-199 (5400) FFD	Q 13.07-4 and 5. No clarifying call needed. See TXNB-11011 dated 2/28/2011.	Open Item 13.7-1 - FFD Questions are statused as Resolved-Closed.	NRC complete review of FFD.	3/1/2011
	13.06.01 RAI-234 (6068) Security Followup	Open Item: 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	Open Item 13.6-1 - 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. Question 13.06.01-57 - Issued waiting for	NRC Review response. Luminant provide HAE revision.	6/28/2013

	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.	response Question 13.06.01-58 - Issued waiting for response		
100 Action NRO (1)				
	EP R3 UTR R0 - Revised Regulations Update	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.	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. Current estimate for the UTR is early 2013.	NRC staff review EP and ITAAC UTRs. NRC staff projects performing review from April to September 2013. 3/28/2013
14 (1)				
026 Overall Chapter Status (1)				
	14 - VERIFICATION PROGRAMS	Phase 2 SER W/ OIs - TBD (ECD Sept 2013) ACRS Subc - TBD ACRS Full - TBD ACRS W/O OIs - TBD	2012-09-26 update - this chapter is a candidate to have a split SER W/ OIs. 2013-01-09 - multiple SEs projected. 14.2 SE first. 2013-05-01 update - ACRS subcommittee date change to TBD awaiting DCD status.	Complete reviews and tech input for SER W/OI. Provide schedule for SE. 10/10/2012
15 (1)				
026 Overall Chapter Status (1)				
	15 - TRANSIENT AND ACCIDENT ANALYSES	Phase 4 SER W/ OIs - Complete June 2012 ACRS Subc - Complete July 2012 ACRS Full - Complete April 11, 2013 ASER W/O OIs - TBD Phase 4 - March 2013	0 Ch 15 Open Items	Provide schedule for ASER. 10/10/2012
16 (2)				
026 Overall Chapter Status (1)				
	16 - TECHNICAL SPECIFICATIONS	Phase 4 SER W/ OIs - Completed January 2013 ACRS Subc - Completed February 21 & 22, 2013 ACRS Full - Complete April 11, 2013 ACRS W/O OIs - TBD	1 Ch 16 Open Item 2012-09-26 update - this chapter is a candidate to be issued with the pending DCD items as Open Items. 2013-01-09 - SE projecte for about 1/25/13.	Issue ASER. 4/11/2013
042 OI - Resolved SER Open Item (1)				
	16 RAI-090 (3113) PTS and Bases	RAI-090, 16-1 to 10 - TS, Part 4 PTS and Bases 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) 2013-03-04 - Luminant provided (in-FSAR) location of deterministic values	Resolved/Closed: 1, 2, 3, 4, 5, 6, 7, 8, 9 Closed/Unresolved: none Question 16-10 - Confirmatory Action Applicant CU-Q RAI-149-16-18 16-10 RAI-149-16-19 FU-Q 2/4/13 question 16-7 changed to Resolved-	NRC review COLA R4 and close. 3/4/2013

	for SFCP and revision level for RITS methodology for TS (see TXNB-13006 of 3/4/2013).	Closed. 2013-04-01 update - Q 16-10 changed from CU to CAA		
17 (1)				
026 Overall Chapter Status (1)				
17 - QUALITY ASSURANCE AND RELIABILITY ASSURANCE	Phase 4 SER W/ OIs - Complete January 2013 ACRS Subc - Complete February 21 & 22, 2013 ACRS Full - Complete April 11, 2013 ACRS W/O OIs - TBD	0 Ch 17 Open Items 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.	Issue ASER.	10/10/2012
18 (1)				
026 Overall Chapter Status (1)				
18 - HUMAN FACTORS ENGINEERING	Phase 2 SER W/ OIs - TBD ACRS Subc - TBD ACRS Full - TBD ACRS W/O OIs - TBD	2012-09-26 update - RCOLA SER W/ OIs written but not issued pending issuance of DCD SE. DCD closure plan may have impact on RCOLA. COL Actions may get written which require updates to multiple RCOLA chapters (e.g., 13, 18).	Complete tech input for SER W/OI. Steve has written the draft SER for this IBR'ed chapter. Confirm schedule for SE and ACRS SC briefing.	10/10/2012
19 (6)				
026 Overall Chapter Status (1)				
19 - PROBABILISTIC RISK ASSESSMENT AND SEVERE ACCIDENT EVALUATION	Phase 4 SER W/ OIs - Complete January 2013 ACRS Subc - Complete February 21 & 22, 2013 ACRS Full - Complete April 11, 2013 ACRS W/O OIs - TBD	7 Ch 19 Open Items: 19-1 - Question 19-24 - IE 19-2 - Question 19-25 - CAN 19-3 - Question 19-26 - CAN 19-4 - Question External Hazards Risk Eval based on Chap 2 and 3 updates - Luminant Submittal needed 19-5 - Question 19-21 - IE 19-6 - Question 19-22 - IE 19-7 - Question 19-23 - CAN	Issue ASER.	10/10/2012
030 IW - Issued/Waiting for Response RAIs (1)				
19.02 RAI-274(7059) H2 Burns	Re Severe Accident Survivability Studies: Explain why information is not available prior to COL, provide conditions (pressure, temperature and time) for each component, identify ITAAC, Propose license condition	The multiple parts in this question are not understood by the licensee and the regulatory basis for the options is not clear. A clarifying conference call will probably be needed. The question seems to result from ongoing DCD reviews, questions and responses. It may not be appropriate to respond until this issue is fully vetted in the DCD review. 2013-05-01 update - based on complexity of question, Golden Week and potential need for clarifications, Luminant proposed a due date of 6/30/13. NRC concurred.	Luminant submit response.	6/30/2013

				2013-05-13 update - currently Luminant believes a clarifying call will not be needed.		
041 OI - SER Open Item (3)						
19 RAI-264 (6877) Ext Winds and Hazards - OI 19-5 and 19-6	Two questions, 19-21 re extreme winds and 19-22 re screening of external hazards. 19-21 is a follow-up to 19-19. Response provided in TXNB-12043 dated 12/18/2012.		Question 19-21 - Unresolved-Closed without followup. (Open Item 19-5) Question 19-22 - Unresolved-Closed without followup. (Open Item 19-6) A clarifying call was held on 11/15. Luminant requested an extension to 12/19 (via email on 11/20) due to hurricane, and the need for clarification - extension was granted. 2013-05-13 update - Changed for IE to UC without followup.	NRC complete review of question responses and identify follow-up for each question.	12/19/2012	
			Question 19-24 - In Evaluation (Open Item 19-1) Question 19-25 - Confirmatory Action NRC (Open Item 19-2) Question 19-26 - 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	NRC review question 19-24 response. Confirm content FSAR R4 and update SE re 19-25 and 19-26.	12/21/2012	
	Identify revised external hazards in FSAR chapter 2 and update, as necessary, related changes to external hazards assessment (screening or evaluation) in Chapter 19.		2013-03-07 update - no revisions to chapter 19 are expected. The final FSAR revision which will confirm the impacts is FSAR R3 UTR R3 scheduled for 8/30/13 9/30/13 which will incorporate the last set of FSAR updates based upon the ISCP.	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.	9/30/2013	
042 OI - Resolved SER Open Item (1)						
19-23 RAI-267 (6907) Averted Cost - OI 19-7	One question about averted cost as presented in the environmental report. Response provided in TXNB-12043 dated 12/18/2012.		Question 19-23 - Confirmatory Action NRC. (Open Item 19-7) Luminant requested a one week extension due to the Thanksgiving holiday to 12/19/12. Granted 11/19. 2012-11-20 Added to eRAI Table. 2012-04-29 update - changed from IE to CAN	NRC confirm FSAR R4 and update SE.	12/19/2012	
Part 01 Fin (2)						
090 Action CPNPP (2)						
			A conference call between Luminant and the NRC staff is being considered for May 2013.			

	EFH Financial Status and Gas Prices	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).	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 projected 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. (This new dates also allows consideration of any actions taken by CPNPP Units 1 and 2.)	Propose a date and time for a conference call.	12/31/2014
	Negation Action Plan	Discuss the potential for foreign influence. Call held on Thursday, 1/20, at 10am EST. Luminant assess NRC feedback and develop a plan to resolve. Luminant is standing by its submittal for now. Luminant is standing by the submitted plan at this time. May become an Open Item. Need to resolve before phase 6. Luminant submitted request to track as a Phase 2 Open Item on 7/28/11 (TXNB-11052).	2013-04-03 update - 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. This also allows additional time to consider other industry activity in this area.	Luminant to re-initiate review (approximately fourth quarter 2014).	12/31/2014
Part 03 ER (4)					
026 Overall Chapter Status (1)					
	Environmental Report	Sections complete - All DEIS - Issued Final EIS - Issued		None. Supplement later if new and significant changes occur. Luminant keep ER correct via UTRs and ER revisions (as part of COLA revisions).	
090 Action CPNPP (3)					
	New Information re FEIS	NRC letter dated 4/22/13 (received 4/30/13) from William F. Burton requests that Luminant submit any correspondence regarding environmental aspects of the project since the FEIS was issued in May 2011.	Luminant updates the ER on an ongoing basis. Luminant intends to review submitted and planned ER updates and to develop a strategy to respond to this request. 2013-05-01 update - Sujata Goetz, Sue, clarified that the letter is not focused on ER updates provided by Luminant. these are already being addressed. The letter is concerned about other correspondence with other organizations (e.g., the state orgs, corp of engineers, EPA, other federal agencies, etc.). Luminant noted that they did not have a date to respond yet. 2013-05-15 Luminant understanding - Luminant understands the request to include only formal correspondence (letters, not e-mail) regarding environmental aspects of the	Luminant determine when they can respond and then provide a response to request.	6/30/2013

			combined license application for Units 3 and 4 between Luminant or one of its subcontractors and one or more of the agencies noted (Army Corps of Engineers or other Federal, State or other agencies) since May 2011. The request has two parts: (1) copies or future correspondence until the COL is issued and (2) the correspondence which exists but has not been submitted to the NRC already.		
	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.	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.		Luminant keep NRC informed of update status. Subject of future drop in discussion with NRC.	9/30/2013
Part 10 ITAAC (1)					
100 Action NRO (1)					
	License Conditions	Generic discussions are ongoing between the NRC Staff (Jerry Wilson) and the industry (NEI COL TF) re standard/typical license conditions. NRC staff is also looking at plant specific license conditions for CPNPP Units 3 and 4. A partial update was included in response to RAI-198 for 10 CFR 30, 40, and 70.		NRC, when time is appropriate, initiate discussion of license conditions for CPNPP Units 3 and 4.	12/31/2013

Total: **95**

CPNPP Units 3 and 4

In Evaluation question by category

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Licensing Conference Calls



	Title ▼▲	Description	IE ▼▲	PM Status Update	Action Required	Responded ▼▲
Awaiting DCD Action (2)						
	03.11 RAI-239 (6159) EQ Followup - Questions 03.11-18, 19 and 20	Q 03.11-18 followup to Q 03.11-1. The NRC is preparing a followup question to 03.09.06-13 which is very similar to this question. Q 03.11-19 followup to Q 03.11-2. Describe the transition from the initial EQ program to the EQ program to be implemented during plant operation. Q 03.11-20 followup to Q 03.11-11. License condition for program implementation. 12/15, NRC granted extension to 1/31/2012. Response submitted via TXNB-12006 on 2/27/12.	2	Question 03.11-18 - In Evaluation The information to resolve this question is linked to the DCD PSC plan. 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) Question 03.11-19 - In Evaluation Resolution of this questioned is tied to DCD questions re MUAP-08015, US-APWR Equipment Qualification Program. Once the DCD issues are resolved, this RCOLA question may be resolved as well or followup may be necessary. Question 03.11-20 - 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.	NRC review response. US-APWR DCD effort needed to resolve via PSC and MUAP-08015 reviews.	2/27/2012
	8.2-31 RAI-263 (6884) NRCB re Loss of one phase offsite power	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.	1	Question 8.2-31 - In Evaluation 2012-11-01 - Clarifying conference call held. 2012-11-07 update - Luminant and Mitsubishi working on the response 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.	NRC review response. NRC staff, Luminant and MHI/MNES to continue to investigate and to follow proposals and progress by the nuclear industry. Industry public meeting expected in February 2013.	11/29/2012
Fukushima related (1)						
	01.05 RAI-269 (6929) Rec 4.2	COL item re NTTF Recommendation 4.2 for mitigating strategies.	1	Question 01.05-4 - 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	NRC to review and update eRAI Table.	1/17/2013

CPNPP Units 3 and 4

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Confirmatory Question Summary

Licensing Conference Calls

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	Title ▼▲	CA R2 ▼▲	CA R3 ▼▲	CA R4 ▼▲	Responded ▼▲	
02 (2)	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	
03 (6)	03.07.02 RAI-060 (2879) Seismic	4			11/24/2009	
	03.02.02 RAI 180 (5090) Codes and Standards	1			11/18/2010	
	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	
06 (3)	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) Cntmt Cleanliness			1	3/4/2013	
09 (6)	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	
	09.04.05 RAI-266 (6898) Room and Duct Heaters			2	12/18/2012	
	09.05.04 RAI-265 (6775) Vault and Tunnel HVAC			1	12/18/2012	
	09.04.05 RAI-243 (6124) UHS Vent			1	3/4/2013	
10 (1)	10.04.08 RAI-237 (6166) SGBD			1	12/8/2011	
12 (1)	12.3-12.4, RAI-135(4206), Contam Minimization			1	7/28/2011	
13 (2)	13.04 RAI-255 (6447) Table Error			1	5/16/2012	
	13.03 RAI-258 (6449) EALs			3	7/16/2012	
14 (5)	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				2	3/4/2013	
16 (1)							
	16 RAI-090 (3113) PTS and Bases				1	3/4/2013	
19 (2)							
	19-20 RAI-259 (6441) RITS External Events				1	6/21/2012	
	19-23 RAI-267 (6907) Averted Cost - OI 19-7				1	12/18/2012	

Totals:

Total: 29