

## PMComanchePeakPEm Resource

---

**From:** Woodlan, Don [Donald.Woodlan@luminant.com]  
**Sent:** Tuesday, August 28, 2012 9:10 PM  
**To:** Monarque, Stephen; ComanchePeakCOL Resource; Galvin, Dennis; Kallan, Paul; Otto, Ngola; Patel, Chandu; Reyes, Ruth; Roy, Tarun; Takacs, Michael; Vokoun, Patricia; Ward, William; Ciocco, Jeff  
**Cc:** Bird, Bobby; Carver, Ronald; Clouser, Tim; Conly, John; Evans, Todd; Reible, Robert; russell\_bywater@mnes-us.com; nicholas\_kellenberger@mnes-us.com; Gina Borsh (regina\_borsh@dom.com)  
**Subject:** 2012-08-28 Woodlan Talking Points for 8-29 COLA Licensing Call  
**Attachments:** 2012-08-29 Talking Points.pdf

See attached.

### Donald R. Woodlan

Manager, Nuclear Regulatory Affairs

#### Luminant Power

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

---

**From:** Monarque, Stephen [<mailto:Stephen.Monarque@nrc.gov>]  
**Sent:** Monday, August 27, 2012 4:13 PM  
**To:** Woodlan, Don; ComanchePeakCOL Resource; Galvin, Dennis; Kallan, Paul; Otto, Ngola; Patel, Chandu; Reyes, Ruth; Roy, Tarun; Takacs, Michael; Vokoun, Patricia; Ward, William; Ciocco, Jeff  
**Cc:** Bird, Bobby; Carver, Ronald; Clouser, Tim; Conly, John; Evans, Todd; Reible, Robert; [russell\\_bywater@mnes-us.com](mailto:russell_bywater@mnes-us.com); [nicholas\\_kellenberger@mnes-us.com](mailto:nicholas_kellenberger@mnes-us.com); Gina Borsh ([regina\\_borsh@dom.com](mailto:regina_borsh@dom.com))  
**Subject:** Comanche Peak COL Project Status Reports

Don,

I am sending the project status reports for this Wednesday's call with Luminant.

Thanks,

Stephen Monarque  
Lead Project Manager  
Comanche Peak COL  
NRO/DNRL/LB2  
301-415-1544

Confidentiality Notice: This email message, including any attachments, contains or may contain confidential information intended only for the addressee. If you are not an intended recipient of this message, be advised that any reading, dissemination, forwarding, printing, copying or other use of this message or its attachments is strictly prohibited. If you have received this message in error, please notify the sender immediately by reply message and delete this email message and any attachments from your system.

**Hearing Identifier:** ComanchePeak\_COL\_Public  
**Email Number:** 1733

**Mail Envelope Properties** (3B7030EBF542CC4090D45E1758E23EA6880E4481)

**Subject:** 2012-08-28 Woodlan Talking Points for 8-29 COLA Licensing Call  
**Sent Date:** 8/28/2012 9:09:33 PM  
**Received Date:** 8/28/2012 9:10:00 PM  
**From:** Woodlan, Don

**Created By:** Donald.Woodlan@luminant.com

**Recipients:**

"Bird, Bobby" <Robert.Bird@energyfutureholdings.com>  
Tracking Status: None  
"Carver, Ronald" <Ronald.Carver@luminant.com>  
Tracking Status: None  
"Clouser, Tim" <Timothy.Clouser@luminant.com>  
Tracking Status: None  
"Conly, John" <John.Conly@luminant.com>  
Tracking Status: None  
"Evans, Todd" <Eric.Evans@luminant.com>  
Tracking Status: None  
"Reible, Robert" <Robert.Reible@luminant.com>  
Tracking Status: None  
"russell\_bywater@mnes-us.com" <russell\_bywater@mnes-us.com>  
Tracking Status: None  
"nicholas\_kellenberger@mnes-us.com" <nicholas\_kellenberger@mnes-us.com>  
Tracking Status: None  
"Gina Borsh (regina\_borsh@dom.com)" <regina\_borsh@dom.com>  
Tracking Status: None  
"Monarque, Stephen" <Stephen.Monarque@nrc.gov>  
Tracking Status: None  
"ComanchePeakCOL Resource" <ComanchePeakCOL.Resource@nrc.gov>  
Tracking Status: None  
"Galvin, Dennis" <Dennis.Galvin@nrc.gov>  
Tracking Status: None  
"Kallan, Paul" <Paul.Kallan@nrc.gov>  
Tracking Status: None  
"Otto, Ngola" <Ngola.Otto@nrc.gov>  
Tracking Status: None  
"Patel, Chandu" <Chandu.Patel@nrc.gov>  
Tracking Status: None  
"Reyes, Ruth" <Ruth.Reyes@nrc.gov>  
Tracking Status: None  
"Roy, Tarun" <Tarun.Roy@nrc.gov>  
Tracking Status: None  
"Takacs, Michael" <Michael.Takacs@nrc.gov>  
Tracking Status: None  
"Vokoun, Patricia" <Patricia.Vokoun@nrc.gov>  
Tracking Status: None  
"Ward, William" <William.Ward@nrc.gov>  
Tracking Status: None  
"Ciocco, Jeff" <Jeff.Ciocco@nrc.gov>

Tracking Status: None

**Post Office:** MDCEXMB02.tceh.net

<b>Files</b>	<b>Size</b>	<b>Date &amp; Time</b>
MESSAGE	1439	8/28/2012 9:10:00 PM
2012-08-29 Talking Points.pdf		182609

**Options**

**Priority:** Standard

**Return Notification:** No

**Reply Requested:** No

**Sensitivity:** Normal

**Expiration Date:**

**Recipients Received:**

# Licensing Conference Calls



	Title ▼▲	Description	PM Status Update	Action Required	Date ▼▲
<p>00 Misc (4)</p>					
<p>010 Logistics (2)</p>					
	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.		Luminant and NRC staff responded to petition.	9/28/2012
	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.		Luminant and NRC staff answered petition within 10 days. Commission to resolve petition.	9/28/2012
<p>090 Action CPNPP (1)</p>					
	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)	Luminant provide October 2012 update.	10/31/2012
<p>120 ACRS (1)</p>					
ACRS Subcommittee Meeting Schedule	<p>* Full Committee for Ch 5, 8, 10, 11 and 12 September 6, 2012 (in the early afternoon)</p> <p>* Chap 13 COLA, September 20 &amp; 21, 2012, in the morning; Adv Acc and GSI-191 - NRC briefings to ACRS, after the RCOLA Chapter 13</p> <p>* DCD Chap 15 Non-LOCA Topical, October 18, 2012</p> <p>* Chap 4 COLA, DCD, Fuel Topical &amp; Chap 6, - October 18 &amp; 19, 2012</p> <p>* Tentative - Chap 7 (DCD and RCOLA) Nov 15 &amp; 16, 2012 may be delayed to resolve a non-concurrence</p> <p>* (Chap 4) DCD Fuel Assemblies and Thermal Design Topicals January 15, 2013</p>	<p>* Chap 5 (1/2 day), May 27 - COMPLETE.</p> <p>* Chap 8, 10 Aug 17-18 - COMPLETE</p> <p>* Chap 11, 12, &amp; PRA Briefing (NRC), Oct 20 - COMPLETE</p> <p>* Chap 15 (DCD, COLA and 2 Topicals) [July 9-10], 2012 - COMPLETE</p> <p>Chapter 2 will be in two parts. 2.0 to 2.3 will be first and the rest of Chapter 2 later. SER for 2.0 to 2.3 expecte in February or Early March 2012.</p> <p>* Chap 18 (DCD &amp; COLA), TBD (tentatively 4/25-26/2012)</p> <p>* Chap 17 &amp; 19 DCD, tentatively Feb [21-22,]2013</p> <p>* Chap 6 DCD, tentatively March 21 &amp; 22, 2013 for DCD and COLA</p> <p>* Chap 14 DCD and COLA, TBD</p> <p>* Chap 3, DCD TBD, COLA TBD</p> <p>* Chap 1 (DCD and COLA), 2 (COLA), 9</p>	<p>NRC - continue to provide updated schedules.</p> <p>Prepare for Full committee meeting on Sept. 6, 2012.</p> <p>Prepare for Chapter 13 on Sept. 20, 2012.</p>	9/6/2012	

030 IW - Issued/Waiting for Response RAIs (2)	
01 Construction Impacts	NRC is considering an RAI re section 1.10 on construction impacts. 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.
01 RAI-154 (4494) DCD Reference	Question 01-3. Luminant to supplement COL FSAR to incorporate certified version of US-APWR DCD.
<b>035 IE - In Evaluation RAIs (1)</b>	
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.
<b>040 OI - SER Open Items (1)</b>	
01-03 RAI-154 (4494) DCD Reference Open Item	<b>Question 01-3</b> Update COLA to reference DCD as approved by rulemaking. Luminant to address final DCD as adopted by rulemaking - 2011.
<b>070 Site Visits/Audits (1)</b>	
ISG 22, Impact on operating units	Potential site visit to assess Luminant's plans to address potential impacts on operating units, including emergency plans.
<b>090 Action CPNPP (3)</b>	
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.
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
	3/14/12 Update, ISG may get issued in March 2012. 2012-08-22 update - final ISG has been issued. Monarque considering a site visit to review implementation plans by Luminant.
	<b>Question 01-3.</b> This RAI is the closure path for OI 01-1
	NRC will assess information in Section 1.10 of the FSAR and draft an RAI if needed . No projected date as of yet. NRC considering a site visit to assess Luminant implementation plans. Luminant respond after US-APWR certification is complete.
	6/30/2015
	NRC review responses and update question status as appropriate.
	7/24/2012
	<b>PLAN AGREED UPON - Luminant to reference Part 52 appendix and approved DCD.</b>
	9/30/2012
	Determine if site visit is appropriate and indentify time frame.
	Luminant submit supplement.
	4/29/2013
	Luminant submit supplement.
	5/29/2013

	7.1 regarding new spent fuel pool instrumentation.	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.	90 days after MHI submittal of US-APWR DCD revisions.	Luminant submit supplement. 5/29/2013
<b>02 (15)</b>				
<b>060 Public Meetings (1)</b>				
Feedback from Hydrology Conf Call on GWL	During the 6/28 conference call on GWL, NRC Staff said that if they had any additional feedback they would provide via email within a week or two.	NRC feedback on GWL provided on 7/18/12. Next call projected for late August or September 2012. NRC provided feedback in email from Steve Monarque dated 7/18/12.	10/11/2012	Luminant provide material for meeting in advance. NRC issue meeting notice.
<b>070 Site Visits/Audits (1)</b>				
NRC Audit of FRISK88 Software	NRC staff to audit the seismic software to be used post-Fukushima. Shooting to perform audit in July or August 2012. The audit team is expected to be two people and the audit scheduled for about 1.5 days.	2012-06-27 Update - NRC provided an audit plan. 2012-07-03 update - Fugro has lead. Luminant proposed 8/16 to 8/24 in MNES offices, Arlington, VA. Scheduled for 9/25 and 26. 2012-08-01 - No updated audit plan is projected. NRC will follow the June plan.	9/25/2012	NRC conduct audit.
<b>090 Action CPNPP (1)</b>				
IHCP Update	Provide update to IHCP based on recent standard plant layout changes.	2012-07-31 update - Luminant proposes to submit a revised closure plan mid-September and can support a technical meeting, if needed, in late September.	9/21/2012	Luminant provide closure plan update.
<b>095 Closure Plan Activity (12)</b>				
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.	Responded: Question 02.04.02-2 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.	12/31/2012	Updates planned as part of IHCP on 12/31/2012.
02.04.02-1 Surface Flooding Open Item	Onsite Flooding from potential Intense Precipitation. Need: Weakness in surface flooding calc need to be addressed. Luminant submitted an updated response via TXNB-11066 on 10/21/11. RAI-139 S01 (Q 02.04.02-2).	NRC issued a white paper 10/12/11. Conf call held on 12/1/11. 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	12/31/2012	Luminant to address/update as part of IHCP in a supplement to RAI-139.

		2012-08-29 Talking Points Page 4 of 13	
		Public Meeting on hydrology.	
02.04.10-1 Surface Flooding Open Item	<p><b>Surface Flooding</b> Need: Discussion re erosion due to 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.</p> <p>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.</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>2/14/12 Update - RAI-139 is now confirmatory in eRAI Table.</p> <p>4/17/12 Update - Discussed during 3/27/12 Public Meeting on hydrology.</p> <p>2/1/12 Update - NRC asked that Luminant resend the RAI response.</p> <p>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.</p> <p>4/17/12 Update - Discussed during 3/27/12 Public Meeting on hydrology.</p> <p>4/27/2012 updated. Included in IHCP and response scheduled for 2/28/2012.</p> <p>2012-06-20 update - NRC may change question status to "Issued" for this RAI and other RAIs related to the IHCP.</p> <p>6/28/2012 update - Changed from Responded to Issued pending implementation of IHCP.</p>	12/31/2012
02.05.04 RAI-233 (6115) Groundwater impact on seismic			<p><b>Luminant to address/update as part of IHCP.</b></p> <p><b>Luminant to address/update as part of IHCP and scheduled date for supplemental response is 2/28/2013.</b></p>
RAI-233 Stability	<p>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.</p>		<p><b>Luminant submit revised response to RAI-233 and address other stability and structural issues.</b></p>
02.04.12 RAI-147 (4314) Groundwater	<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.</p>	<p>Resolved/Closed: 10, 13, 14, 15. Responded: Questions 02.04.12-8, 9, 11, 12, 16, 17.</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 leakage paths. Public meeting held 3/27/12. To be revised/supplemented as part of IHCP.</p> <p>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.</p>	<p>2/28/2013</p> <p>3/29/2013</p>
02.04.12-1 Groundwater Open Item	<p>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.</p>	<p>NRC issued a white paper 10/12/11. Conf call held 10/26/11.</p> <p>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</p>	<p><b>Luminant to address/update as part of IHCP including a supplemental response to RAI-147. Luminant to include input/output files for MODFLOW model. Update</b></p> <p>3/29/2013</p>

		2012-08-29 Talking Points Page 5 of 13	
		<p>confirmatory.</p> <p>4/17/12 Update - Discussed during 3/27/12 Public Meeting on hydrology.</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.</p> <p>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.</p> <p>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>3/29/2013</p>
	02.04.12-3 Groundwater Open Item	<p><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 shallow ground water. See TXNB-11057 dated 8/29/2011.</p>	<p><b>Luminant to address/update as part of IHCP as part of supplement to RAI-147.</b></p>
	02.04.12-4 Leakage Paths Open Item	<p><b>Potential error in calculation</b> Luminant has provided a clarification which was included in COLA Rev. 2 dated 6/28/11.</p>	<p><b>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.</b></p>
	02.04.12-5 and 02.04.13-2 Vertical Flow Paths Open Item	<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.</p>	<p><b>Luminant to address/update as part of IHCP and as part of the supplement to RAI-145.</b></p>
	02.04.13, RAI-145 (4315) Rad Liq Release	<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.</p>	<p><b>Revised response to be provided 3/29/2013 as part of IHCP.</b></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.</p>	<p>3/29/2013</p>
		<p><b>Horizontal Leakage Path for Tank Failure</b></p>	



	<p>Need: Overarching description of leakage path and basis for assumptions used in the analysis. A description of the physics involved in assessing the leakage path. Areas of interest include groundwater dilution assumptions, SCR dilution assumptions, and effects of any installed drainage systems. Luminant prepared and provided an overarching description of the horizontal leakage path, to discuss the physics involved and to identify and justify assumptions used. RAI-145 S01, Q2.4.13-5, 6 &amp; 7. See TXNB-11057 dated 8/29/2011.</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.</p> <p>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.</p> <p>4/17/12 Update - Discussed during 3/27/12 Public Meeting on hydrology.</p>	<p><b>Luminant to address/update as part of IHCP and as part of supplement to RAI-145.</b></p>	<p>3/29/2013</p>
--	---	--	--	------------------

**03 (21)**

**030 IW - Issued/Waiting for Response RAIs (2)**

<p>03.03.02 RAI-250 (6342) Hurricane Missiles</p>	<p>One question, 03.03.02-9. Relates to a new regulatory guide on hurricane winds.</p>	<p>This question is linked to a DCD question. Luminant should not answer until the DCD formal response is submitted. Extension granted to 5/24/12. 5/9/12, extension granted to 6/26/12.</p> <p>This RAI is linked to the final response from MHI to RAIs (908-6327 and 907-6321) related to RG 1.221 R0 which are scheduled to be submitted by the end of August 2012. Luminant expects to submit its response by September 14, 2012. 2012-06-19 - due date moved to 9/14/12.</p>	<p><b>Luminant respond to RAI.</b></p>	<p>9/14/2012</p>
<p>03.06.01 RAI-262 Pipe Hazards</p>	<p>Question 03.06.01-1 re COL Item 3.6 (1). Address changes per DCD RAI 3.6.1-9 response.</p>		<p><b>Luminant requested a clarifying call and it is scheduled for 8/29/12 at 11am EDT.</b></p>	<p>9/18/2012</p>

**035 IE - In Evaluation RAIs (2)**

<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. 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.</p>	<p>Luminant to prepare a generic license condition of operational program inspection activity. 4/27/12 Question 03.11-20 changed from responded to confirmatory applicant. 2012-07-03 update - reviewer still assessing responses. 2012-08-15 - This RAI is linked to a DCD RAI which will be addressed during an 8/21 public meeting. RCOLA issues may get resolved at that meeting as a result.</p>	<p><b>NRC review response.</b></p>	<p>2/29/2012</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-</p>		<p><b>NRC review responses.</b> <b>US-APWR assess best method to address request to audit procurement specifications (more detail or</b></p>	

<p>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).</p>	<p>the NRC sought clarification. Either more detailed required re content of procurement specification or some specs need to be made available for audit. 2012-08-16 update - Luminant is coordinating with other DCWG members (MHI, MNES and Dominion) to find a common resolution.</p>	<p>create procurement specifications). Luminant provide a schedule for a supplemental response (RAI-244 S01). Luminant or DCWG may request clarifying conference call as work progresses.</p>	<p>9/28/2012</p>
<p><b>040 OI - SER Open Items (5)</b></p>			
<p>03.09.06 RAI-244 (6222) IST</p>	<p>See RAI-228 (6027). Luminant response to RAI due by 11/7/2011. Luminant responded via TXNB-11077 on November 7, 2011.</p>	<p>NRC confirm response and remove SER Open Item designation.</p>	<p>10/7/2011</p>
<p>03.09.06-21 RAI-244 IST</p>	<p>Responded.</p>	<p>NRC review response.</p>	<p>2/27/2012</p>
<p>03.11-18 RAI-239 EQ Open Item</p>	<p>Responded</p>	<p>NRC review response.</p>	<p>2/27/2012</p>
<p>03.11-19 RAI-239 EQ Open Item</p>	<p>Responded.</p>	<p>NRC review response.</p>	<p>2/27/2012</p>
<p>03.09.06-22 RAI-244 IST</p>	<p>Supplemental response provided.</p>	<p>See RAI discussion. DCWG to provide additional information. NRC review Luminant response.</p>	<p>6/13/2012</p>
<p><b>075 Conference Calls (1)</b></p>			
<p>Pipe Hazard Analysis</p>	<p>Luminant requested the clarifying conference call to confirm that the strategy to respond is consistent with intent of the question.</p>	<p>Call scheduled for 11am EDT.</p>	<p>8/29/2012</p>
<p><b>090 Action CPNPP (1)</b></p>			
<p>ISCP Update</p>	<p>Provide update to ISCP based on recent changes in standard plant layout.</p>	<p>Luminant provide closure plan update.</p>	<p>9/21/2012</p>
<p><b>095 Close Plan Activity (10)</b></p>			
<p>3.7-3.8-10 Evaluation of NI SSI</p>	<p>Evaluation of the NI Complex which shows that the site-specific SSI analysis results of NI Complex are enveloped by DCD SSI analysis results.</p>	<p>Luminant complete evaluation. Luminant keep the NRC updated if the deliverables for the ISCP are changing.</p>	<p>9/28/2012</p>
<p>3.7-3.8-20 FSAR R3 UTR R0</p>	<p>FSAR R3 UTR R0 to include: Updates to the plot plan (1.2 and 2.1); Atmospheric dispersion (2.3); Aircraft hazards (3.5); Main control room habitability (6.4); Grounding and lightning protection (8.3); HVAC (9.4); radiation protection (12.3); and PRA (19.1)</p>	<p>Luminant prepare and submit UTR.</p>	<p>10/31/2012</p>
<p>3.7-3.8-30 Physical</p>	<p>Via separate letter, updates to the</p>	<p>Luminant prepare and submit</p>	

Security Plan and High Assurance Evaluation	Physical Security Plan and High Assurance Evaluation will be developed to include plant layout changes.	PSP updates. Luminant work with MHI re submittal of HAE update.	10/31/2012
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)	Luminant prepare and submit UTR.	2012-08-29 Talking Points Page 8 of 13 11/30/2012
3.7-3.8-50 FSAR R3 UTR R1	UTR to include: updates to reflect EPR1 guidance for earthquake sources in the CEUS (2.5); Fire protection updates (9.5 and 9.A)	Luminant prepare and submit UTR.	2/28/2013
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)	Luminant prepare and submit responses.	4/30/2013
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)	Luminant prepare and submit UTR.	4/30/2013
3.7-3.8-63 RAI-221 Supplement	Supplement response to RAI-221 to reflect updated site-specific seismic analysis.	Luminant prepare and submit supplement.	4/30/2013
3.7-3.8-66 RAI-226 Supplement	Supplement response to RAI-226 to reflect updated site-specific seismic analysis.	Luminant prepare and submit supplement.	4/30/2013
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).	Luminant prepare and submit UTR.	6/28/2013
<b>06 (3)</b>			
<b>035 IE - In Evaluation RAIs (1)</b>			
06.04 RAI-240 (6158) CRH Habit	Q 06.04-14 and 15. Control Room Habitability. A clarifying call was held on 12/13/11. Luminant needs more time to obtain, V&V and run ALOHA code. NRC approved extension to respond to 3/30/2012. Response provided via TXNB-12008 on 3/29/12. TXNB-12021 provided a missing figure from the original response.	NRC review Luminant's response.	6/13/2012
<b>040 OI - SER Open Items (2)</b>			
06.04-14 RAI-240 CR Hab	Stated as Responded.	NRC review Luminant's response.	3/29/2012
06.04-15 RAI-240 CR Hab	Stated as responded (4/5/12)	NRC review Luminant's response.	6/13/2012
<b>08 (3)</b>			
<b>035 IE - In Evaluation RAIs (1)</b>			
	3/1/12 Woodlan - this is the third or fourth time we have addressed these issues.		

<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.</p>	<p>Regulatory basis is unclear. OPS for CPNPP is not committed to GDC 5. Future interactions may include public conference calls, public meetings or discussions during DCWG meetings. 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.</p>	<p><b>NRC is writing a position paper on application of GDC 5 to offsite power systems.</b></p> <p><b>NRC review dependent on finalizing position paper. No time frame identified.</b></p>	<p>5/17/2012</p>
<p><b>100 Action NRO (2)</b></p>				
<p>ACRS Questions re Chapter 8</p>	<p>The ACRS sub-committee has issued five questions resulting from their briefing on Chapter 8.</p>	<p>NRC will address but method has not been finalized. NRC may choose to ask RAIs to get applicant input.</p>	<p><b>NRC determine method to address questions.</b></p>	<p>3/30/2012</p>
<p>NRC Position re GDC 5 and Offsite Power System</p>	<p>The NRC has developed a draft position on the application of GDC 5 to Offsite Power Systems for the nuclear industry and will present the position.</p>	<p>Conference call held 8/27/12 with branch chief. NRC staff maintains that GDC 5 applies. Luminant disagrees.</p>	<p><b>Determine next step to address issue.</b></p>	<p>8/29/2012</p>
<p><b>09 (6)</b></p>				
<p><b>035 IE - In Evaluation RAIs (2)</b></p>				
<p>09.02.01 RAI-251 (6348) ESWS</p>	<p>Questions 09.02.01-6 to 11. Q6 is a follow-up to RAI-109 Q1 Q7 is a follow-up to RAI-109 Q2 Part B Q8 to 10 are new and seem to be derived from DCD review. Luminant responded via TXNB-12016 on 5-31-12.</p>	<p>It is unexpected to get "follow-up" RAIs for questions which are statused as Resolved/Closed.</p> <p>Luminant response development impacted by DCD ACRS presentation on Chapter 9. Extension granted to 5/11/12 update, NRC granted extension to 5/31/12. 6/28/2012 update - questions 6, 7, and 8 changed from Responded to Confirmatory Applicant 2012-08-23 update - RAIs 251, 252, 254, and 257 all relate to freeze protection of ESW and UHS piping. Time is needed to evaluate potential design modifications. New expectation is to submit supplemental responses by 9/24/12.</p>	<p><b>NRC review responses.</b></p> <p><b>Luminant provide supplemental response based on 7/13/12 clarifying conference call.</b></p>	<p>9/24/2012</p>
<p>09.02.05 RAI-252 (6358) UHS</p>	<p>RAI-252 09.02.05-18 to 26 UHS Response submitted via TXNB-12018 on 6/7/12.</p>	<p>4/16 update, Luminant does not need a clarifying conference but needs an extension until 5/17/12. Extension granted 6/7/12. 6/28/2012 update - questions 19, 24 and 26 changed from Responded to Confirmatory Applicant. In addition, question 20, parts 1, 2 and 3, question 21 part 3 and question 23 part 3 are also considered confirmatory. (per Larry Wheeler email). 2012-08-23 update - RAIs 251, 252, 254, and 257 all relate to freeze protection of ESW and UHS piping. Time is needed to evaluate potential design modifications. New expectation is to submit supplemental responses by 9/24/12.</p>	<p><b>NRC review response.</b></p> <p><b>Luminant provide supplemental response based on 7/13/12 clarifying conference call.</b></p>	<p>9/24/2012</p>
<p><b>040 OI - SER Open Items (1)</b></p>				

09.04.05-23 RAI-243 (6124) UHS Vent	Responded.			<b>NRC review response. Luminant to supplement response.</b>	2/27/2012
<b>070 Site Visits/Audits (1)</b>					2012-08-29 Talking Points Page 10 of 13
Chap 9 UHS Audit	NRC would like to conduct an audit of Chapter 9 UHS calculations in the July or August 2012 time frame. It will take one or two days. Location should allow maximum access to responsible SMEs.	4/11/12 update - Audit could be scheduled for June 2012. Luminant recommends the MNES offices in Arlington VA. Luminant requests the scope of the audit and proposed dates as soon as reasonable. 2012-06-20 update - NRC provide an audit plan. NRC suggested the last two weeks in August. Luminant to check availability. 2012-06-25 Luminant proposed week of 8/27/12. 2012-08-20 update - a pre-audit conference call held to confirm logistics and scope.		<b>Conduct audit August 29 and 30 in Arlington VA.</b>	8/29/2012
<b>090 Action CPNPP (2)</b>					
9.2.1 DCD Revisions	A conference call in 9.2.1 was held on 1/23/12 with the reviewer, Larry Wheeler. A series of issues (mostly clarifications and corrections) were discussed. In general, these issues need to be addressed in DCD and the FSAR will be updated to be consistent (RAI supplement or UTR).	2/15/12 Update - NRC intends to issue RAIs to MHI on DCD. 2/29/12 Update - NRC expects to issue RAI to DCD re the safety boundary and COL Item 9.2(7). 3/12/12 Update - RAI 6344 issued in draft to DCD. 7/27/12 update - No RCOLA updates are needed. To be discussed at Chap 9 audit if desired.		<b>Luminant update NRC during Chap 9 audit in August 2012..</b>	8/29/2012
09.04.05 RAI-243 (6124) UHS Vent	Questions 09-04-05-19 to 25. Q 19 if a followup to Q 12 and 14. Q 22 if a followup to Q 3, Q 23 if a followup to Q 5 and 17. Q 24 if a followup to Q 12 and 15. Q 25 if a followup to Q 10 and 18.  Response submitted via TXNB-12006 on 2/27/12.	Q23 listed as seven open item and Closed/Unresolved. Q25 is Resolved/Closed. Q19, 20, 21, 22 and 24 are CN-A <b>CU-Q</b> <b>FU-Q</b> 09.04.05-23 ??  5/9/12 update - NRC stated they would have an update the week of 5/14. Luminant is considering a redesign of portions of these rooms. Intendes to respond by August 31, 2012.		<b>NRC review response. Luminant provide a supplemental response to address internal flooding .</b>	8/31/2012
<b>10 (1)</b>					
<b>035 IE - In Evaluation RAIs (1)</b>					
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.	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.		<b>NRC review response. Luminant included corrected figure in FSAR R4.</b>	12/8/2011

**035 IE - In Evaluation RAIs (1)**

<p>13.03 RAI-258 (6449) EALS</p>	<p>Questions 13.03-43, 44 and 45. Asking for more details. Response submitted via TXNB-12024 on 7/16/2012.</p>	<p>Clarifying conference call held on 6/1/12. 2012-06-19 - Due date extended to 7/17/2012. 2012-08-01 - NRC expects to have update next week and expects to resolve before ACRS. 2012-08-15 update - Reviewers found the responses acceptable and expect to change status to confirmatory.</p>	<p><b>NRC review.</b></p>	<p>2012-08-29 Talking Points Page 11 of 13 7/17/2012</p>
----------------------------------	--	--	---------------------------	--

**090 Action CPNPP (2)**

<p>13.06.01 RAI-234 (6068) Security Followup</p>	<p>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. <b>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.</b></p>	<p>2/15/12 Update - Discussed need to update HAE one more time to address all layout changes and new scenarios based on this RAI response. <b>NRC intends to status as "Responded" until the HAE revision is received. Proposed date may be challenged by Standard Plant layout changes.</b></p>	<p><b>NRC Review response. Luminant provide HAE revision.</b></p>	<p>10/31/2012</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.</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. Current estimate for the UTR is early 2013.</p>	<p><b>Submit EP R3 UTR R0.</b></p>	<p>3/31/2013</p>

**035 IE - In Evaluation RAIs (3)**

<p>14.03 RAI-056 (2583) ASME ITAAC</p>	<p>RAI 56 14.3.3-1 to 4. ASME ITAAC 4 ques. Answers provided by TXNB-09058 dated 10/26/09. NRC provided a clarification re a needed ITAAC for design of components and piping. Supplemental response provided by TXNB-12025 on 7/16/12.</p>	<p>Confirmatory: 1, 2 Resolved/Closed: 3 Closes/Unresolved: 4 CU-Q FU-Q 14.03.03-4 RAI-212 14.03.03-5 4/24 q 1 and 2 changed from CN-A to CN-N Based on need to supplement ITAAC to address design, the COLA rev. changed from 2 to 4. 2012-08-15 update - NRC needs clarification re type of report to be developed re AC column (ITAAC 21). Followup interactions required. 2012-08-22 update - the same clarification has been requested on the DCD. The DCD solution is being pursued by MHI with the NRC and should resolve the RCOLA as well. Stress Report is defince in DCD section 14B.2. All questions restatued as In Evaluation.</p>	<p><b>NRC review responses. NRC assess MHI/DCD resolution. Luminant update RCOLA if necessary.</b></p>	<p>8/29/2012</p>
--	---	--	--	------------------

	<p>2012-08-29 Talking Points Page 12 of 13</p>				
<p>14.02 RAI-257 (6457) UHS Testing</p>	<p>Question 14.02-21 re the testing of various UHS components. Somewhat repetitive of other RAI questions. Responses to all parts except part 4 provided by TXNB-12022 on June 21, 2012. Commitment date revised by TXNB-12-28 dated 8/23/12.</p>	<p>6/6/12 - luminant requested to extend Part 4 to August 24, 2012, and the remaining portions to June 22, 2012. 2012-06-19 - new due dates granted. 6/28/2012 update - changed from Issued to Responded. 2012-08-23 update - RAIs 251, 252, 254, and 257 all relate to freeze protection of ESW and UHS piping. Time is needed to evaluate potential design modifications. New expectation is to submit supplemental responses by 9/24/12.</p>	<p>Luminant respond to Part 4 of RAI question. NRC, review responses.</p>	<p>9/24/2012</p>	
<p>14.03.07 RAI-254 (6403) Testing for UHS Components</p>	<p>Question 14.03.07-38 re testing (ITAAC?) for various UHS components. Luminant responded to all parts of question except parts 2 and 3 via TXNB-12022 dated June 22, 2012. Luminant revised commitment date via TXNB-12028 dated 9/24/12.</p>	<p>Extension granted to 6/7/12. 6/6/12 - luminant requested to extend Parts 2 and 3 to August 24, 2012, and the remaining portions to June 21, 2012. 2012-06-19 - new due dates granted. 6/28/2012 update - changed from Issued to Responded. 2012-08-23 update - RAIs 251, 252, 254, and 257 all relate to freeze protection of ESW and UHS piping. Time is needed to evaluate potential design modifications. New expectation is to submit supplemental responses by 9/24/12.</p>	<p>Luminant provide responses to parts 2 and 3 of question. NRC review responses.</p>	<p>9/24/2012</p>	
<p><b>090 Action CPNPP (1)</b></p>					
<p>ITAAC UHS Pump House Vent</p>	<p>NRC proposed a conference call to discuss Table A.2-1 Items 1.a and 1.b (AC), 2.c (ITA), 3.b (AC), 5.a (AC), and 6 (DC). Also wanted to discuss Table A.2-3 re Alarms, displays and control functions.</p>	<p>2012-06-28 Update - call held as scheduled. 2012-07-10 Luminant intends to provide the update via a UTR to COLA Part 10. We are still developing a schedule (coordinating with DCD RAI responses). 2012-07-25 - Luminant scheduled to issue UTR by end of August 2012.</p>	<p>Luminant to address issues in upcoming UTR for Part 10 to update the table.</p>	<p>8/31/2012</p>	
<p><b>19 (2)</b></p>					
<p><b>035 IE - In Evaluation RAIs (2)</b></p>					
<p>19 RAI-232 (6045) Screens External Events</p>	<p>Question 19-17 (7 parts), and 19-18 (5 parts). Relate to screens for external events and clarifications. These are follow-up questions to RAIs-165 and 166. Luminant needs to the 33 page table and address criterion used to screen external events. Refers to numerous other FSAR chapters and need to develop new discussions. 10/31/11 NRC granted an extension to 12/9/11. TXNB-11085 responded to RAI on 12/8/2011.</p>	<p>2/1/12 Update - status may be changed to Closed/Unresolved in upcoming eRAI report. 2/28/12 Update - under review but no feedback yet. 5/16/12 update - NRC to provide status in late May or early June. 6/28/2012 update - Changed question 18 from responded to Confirmatory Applicant. 2012-07-16 update - Question 19-17 will be impacted by changes to chap 2 and 3. A follow-up RAI being developed requesting Luminant address all external events.</p>	<p>NRC review response.</p>	<p>12/8/2011</p>	
<p>19 RAI-248 (6320)</p>	<p>One question, 19-19. This is a follow-up to RAI-210 (5069) question 19-14.</p>	<p>Question imposes new design requirements. Luminant will need to perform new assessments and PRA. NRC extended due date to 5/11/12. Luminant is coordinating with Dominion and</p>			

Extreme Winds	Luminant responded via TXNB-12016 dated 6/7/12.	Mitsubishi to develop a coordinated response. At this time, no clarifying call is needed. 5/9/12 update - NRC granted an extension to 5/31/12.	NRC review response.	5/31/2012
<b>Part 01 Fin (1)</b>				
<b>090 Action CPNPP (1)</b>				
	<p>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).</p>		<p>Luminant to re-initiate review (approximately second quarter 2013).</p>	6/29/2013
<b>Part 03 ER (2)</b>				
<b>090 Action CPNPP (2)</b>				
Potential alternate pipeline route	<p>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.</p>		<p>Luminant determine if update required and inform NRC.</p>	12/31/2012
Update NRO re Transmission Lines	<p>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.</p>		<p>Luminant keep NRC informed of update status. Subject of future drop in discussion with NRC.</p>	12/31/2012
<b>Part 10 ITAAC (1)</b>				
<b>100 Action NRO (1)</b>				
License Conditions	<p>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.</p>		<p>NRC, when time is appropriate, initiate discussion of license conditions for CPNPP Units 3 and 4.</p>	1/31/2013

Total: 74