

PMComanchePeakPEm Resource

From: Woodlan, Don [Donald.Woodlan@luminant.com]
Sent: Friday, September 02, 2011 4:01 PM
To: Monarque, Stephen; Conly, John; Evans, Todd; Hamzehee, Hossein; Colon, Jessica; Galvin, Dennis; Kallan, Paul; Otto, Ngola; Patel, Chandu; Reyes, Ruth; Roy, Tarun; Takacs, Michael; Ward, William
Cc: ComanchePeakCOL Resource; Conly, John; Evans, Todd; Bird, Bobby; Reible, Robert; Clouser, Tim; Carver, Ronald; 'nicholas_kellenberger@mnes-us.com'; 'russell_bywater@mnes-us.com'; 'tapia_joseph@mnes-us.com'; 'Regina.Borsh@dom.com'
Subject: 2011-09-02 Talking Points for Sept 7 COLA Conference Call
Attachments: 2011-09-07 Talking Points.pdf; 2011-09-02 Responded RAIs by response date.pdf

Steve,

Thanks for arranging this call. I look forward to the discussion. I have attached my proposed talking points which include the RAIs which include questions which are statused as "Responded" in the eRAI table as of 8/31/11. I have also attached a listing of these RAIs by response date if you prefer to discuss in that manner.

Before we begin the status discussion, I would like to briefly confirm the meaning of the various categories in the eRAI table. Here are my perceptions:

- **Issued/Open Action applicant** – A question has been formally provided to Luminant (via an RAI) and Luminant needs to provide an answer.
- **Responded** – The NRC has received a formal answer to the question from Luminant.
- **Confirmatory Action Applicant** – The NRC needs to confirm that the changes included in the answer provided by Luminant are properly incorporate into the appropriate document(s) (normally the CPNPP FSAR). Because Luminant includes a mark-up of the FSAR (or other documents as appropriate) with the question answers, the confirmation essentially confirms that the mark-ups were incorporated in the next revision of the applicable document(s).
- **Confirmatory Action NRC** – Based on the way Luminant answers questions, this category is essentially the same as above.
- **Resolved/Closed** – The NRC staff has reviewed the answer and finds that the issues addressed by the question have been adequately addressed by Luminant. No additional action is required by Luminant and the NRC staff will use the information as appropriate to prepare the SER with open items.
- **Question Closed/Issue Unresolved** – As above, there is no follow-up action required of Luminant to these specific questions; however the issue will be addressed further via a follow-up RAI or an open item.

Even with an understanding of these "Question Status" categories, I am somewhat confused by some entries. In some cases, the "Question Status" is one category (e.g., Resolved/Closed) and the "Reason" seems to conflict (e.g. Confirmatory Item). In addition, it is not clear how the NRC intends to identify open items. Some open items are identified on the Project Status Table and for some questions, the Reason field in the eRAI table says "SER Open Item." Although there is some overlap, these two tables do not match. How does the NRC intend to identify open items (or potential open items) and how can I tell what additional action/information is needed from Luminant?

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: Wednesday, August 31, 2011 7:33 AM
To: MNES RAI mailbox; Conly, John; Evans, Todd; Woodlan, Don; Hamzehee, Hossein; Colon, Jessica; Galvin, Dennis; Kallan, Paul; Otto, Ngola; Patel, Chandu; Reyes, Ruth; Roy, Tarun; Takacs, Michael; Ward, William
Cc: ComanchePeakCOL Resource
Subject: Comanche Peak COL ERAI Table and weekly project status report

Don,

I am sending you the Public ERAI Table and the revised weekly project status report. The weekly project status table has been color coded to indicate the age of the RAI responses.

Thanks,

Stephen Monarque
Project Manager
Comanche Peak COL
NRO/DNRL/NMIP
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: 1492

Mail Envelope Properties (A34507C196705B44B7F8F0B1BFE80AAE085BB2DD28)

Subject: 2011-09-02 Talking Points for Sept 7 COLA Conference Call
Sent Date: 9/2/2011 4:00:56 PM
Received Date: 9/2/2011 3:58:13 PM
From: Woodlan, Don

Created By: Donald.Woodlan@luminant.com

Recipients:

"ComanchePeakCOL Resource" <ComanchePeakCOL.Resource@nrc.gov>
Tracking Status: None
"Conly, John" <John.Conly@luminant.com>
Tracking Status: None
"Evans, Todd" <Eric.Evans@luminant.com>
Tracking Status: None
"Bird, Bobby" <Robert.Bird@energyfutureholdings.com>
Tracking Status: None
"Reible, Robert" <Robert.Reible@luminant.com>
Tracking Status: None
"Clouser, Tim" <Timothy.Clouser@luminant.com>
Tracking Status: None
"Carver, Ronald" <Ronald.Carver@luminant.com>
Tracking Status: None
"nicholas_kellenberger@mnes-us.com" <nicholas_kellenberger@mnes-us.com>
Tracking Status: None
"russell_bywater@mnes-us.com" <russell_bywater@mnes-us.com>
Tracking Status: None
"tapia_joseph@mnes-us.com" <tapia_joseph@mnes-us.com>
Tracking Status: None
"Regina.Borsh@dom.com" <Regina.Borsh@dom.com>
Tracking Status: None
"Monarque, Stephen" <Stephen.Monarque@nrc.gov>
Tracking Status: None
"Conly, John" <John.Conly@luminant.com>
Tracking Status: None
"Evans, Todd" <Eric.Evans@luminant.com>
Tracking Status: None
"Hamzehee, Hossein" <Hossein.Hamzehee@nrc.gov>
Tracking Status: None
"Colon, Jessica" <Jessica.Colon@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
"Ward, William" <William.Ward@nrc.gov>
Tracking Status: None

Post Office: MDCEXMB02.tceh.net

| Files | Size | Date & Time |
|--|-------------|------------------------|
| MESSAGE | 3883 | 9/2/2011 3:58:13 PM |
| 2011-09-07 Talking Points.pdf | 259185 | |
| 2011-09-02 Responded RAIs by response date.pdf | | 72859 |

Options

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

Licensing Conference Calls

| Category | Title | Description | PM Status Update | Action Required | Date |
|------------------------|------------------------------------|--|------------------|---|------------|
| CH: 00 Misc (6) | | | | | |
| 040 Recent Letters | TXNB-11056 Lic Base Freeze Pt | Informs the NRC of the Licensing-Basis Freeze Point (6/28/2011, COLA Rev. 2). | | None. | 8/29/2011 |
| 075 Conference Calls | Status Call with all PMs | Discuss all chapters. | | Discuss status of review every two weeks, including items identified as "Responded" in the eRAI. | 9/7/2011 |
| 090 Action CPNPP | Hearing Petitions | With 2/25/11 order, the board denied the last contention and closed the proceedings. 3/11 Petition for review with Commission for a decision. A joint petition submitted by multiple activists to stop COL reviews. Luminant and NRC Staff responded on 5/2/11. In August, the former interveners submitted a new proposed contention, a motion to reopen the hearings, and a petition for rulemaking. Luminant filed an answer on 8/22/11. Passed from Commission to ASLB. | | Commissioners to respond to petitions and motions. ASLB act on motion to reopen. | 9/7/2011 |
| 090 Action CPNPP | Regulatory Commitments List | Periodically confirm with NRO the list of reg Commitments. A report re closed commitments provided on 4/20/2010 (TXNB-10033), 7/28/2010 (TXNB-10054), 1/31/2001 (TXNB-11007), 4/25/11 (TXNB-11028), 7/29/11 (TXNB-11051) | | Luminant provide Oct 2011 update. | 10/27/2011 |
| 120 ACRS | ACRS Full Committee Meeting | DCD only. Chapters 2, 5, 10, 8, 16, 11 and 12 | | NRC provide details re preparations. Luminant to observe. | 9/9/2011 |
| 120 ACRS | ACRS Subcommittee Meeting Schedule | (6/2) Stephen Monarque is developing the ACRS meeting schedules by SRP/COLA Chapter. Steve provided a spreadsheet with a draft schedule. * Chapter 5 (1/2 day), May 27 - COMPLETE. * Chapters 8, 10 Aug 17-18 - COMPLETE * Chapter 11, 12, & PRA Briefing (NRC), Oct 20 * Chapter 9 (DCD & COLA), Nov 29-30 (In doubt due to unresolved DCD issues. Chapter 7 may be moved up to fill this slot. Ch 9 may move to January.) * Chapter 4 (DCD & COLA), Dec 15-16 (Per 8/2 DCD call, this may move to Feb or Mar 2012) * Chapter 15 (DCD, COLA and Topicals) Jan 19, 2012 * Chapter 16, 18, Feb 23-24 * Chapter 7, 14, Mar 22-23 * Chapter 6, Apr 26-27 * Chapter 14, Summer 2012 | | NRC - continue to provide updated schedules. NRC, provide scope information re the PRA Briefing for the October sub-committee meeting. | |
| CH: 01 (5) | | | | | |
| 030 RAIs | 1.10, Construction Impacts | NRC is considering an RAI re section 1.10 on construction impacts. Will be based on ISG-22 which is in draft. | | After ISG-22 is finalized, NRC will assess information in Section 1.10 of the FSAR and draft an RAI if needed . No projected date as of yet. | |

| | | | | | |
|--------------------|---|---|---|--|------------|
| 037 Open Items | OI 01-01 RAI-154 (4494) DCD Reference | q 01-3 Update COLA to reference DCD as approved by rulemaking. Luminant to address final DCD as adopted by rulemaking - 2011. | | PLAN AGREED UPON - Luminant to reference Part 52 appendix and approved DCD. | 9/30/2012 |
| 090 Action CPNPP | Response to Bulletin 2005-01 | Commitment 8272: FSAR Table 1.9-220 has been revised to include compliance with NRC Bulletin 2005-01. A response to this bulletin will be submitted in a separate SGI letter prior to December 31, 2011. | | Luminant, submit response to bulletin. | 12/31/2011 |
| 133 Chapter Status | INTRODUCTION AND GENERAL DESCRIPTION OF THE PLANT | OIs or UIs - 1 SER W/OI - ?? ACRS Subc - Summer 2012 | | NRC complete SER W/OI | 4/27/2011 |
| 135 RAI Responses | 01 RAI-198 (5347) Parts 30, 40 and 70 | Q 01-4, Potential generic RAI. NRC is working on an ISG in this area. RAIs (and follow-up RAIs) have been sent to other dockets. Luminant has a draft exemption request prepared similar to Vogtle's. RAI received. Being discussed generically. Luminant requested and received and extension until 3/23/2011. Discussed generically by COL Leads TF on 2/15 and 2/16. NRC agreed to extension to 5/6 during 4/27 conference call. Luminant responded via TXNB-11029 dtd 5/6/11. | Responded: 01-4 | NRC review. Over 90 days old. | 5/6/2011 |
| CH: 02 (21) | | | | | |
| 037 Open Items | OI 02.04.02-1 Surface Flooding | Onsite Flooding from potential Intense Precipitation. Need: Weakness in surface flooding calc need to be addressed. | Awaiting Luminant suppl response. RAI 139 is follow-up to RAI 102. RAI 102 is closed. | Luminant update the flooding calc. and the drainage plan and make available to NRC. RAI-139 S01 (Q 02.04.02-2). Luminant brief NRC on content of supplement at 10/25/2010 public meeting. | 10/21/2011 |
| 037 Open Items | OI 02.04.10-1 Surface Flooding | Surface Flooding Need: Discussion re erosion due to onsite flooding and drainage, the impact of 3 & 4 drainage on 1 & 2 (boundary), and ongoing actions to ensure design drainage remains available (e.g., surveillances, operation observations, housekeeping) | Awaiting Luminant suppl response. RAI 139 is follow-up to RAI 102. RAI 102 is closed. | Luminant provide supplemental information to address needs. RAI-139 S01 (Q 02.04.02-2). Luminant brief NRC on content of supplement at 10/25/2010 public meeting. | 10/21/2011 |
| 037 Open Items | OI 02.04.12-1 Groundwater | Conceptual Model of Groundwater Need: An overarching description of groundwater hydrology. See TXNB-11057 dated 8/29/2011. 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. | | NRC review response. Discuss responses and hydrology open items during 10/25/2011 public meeting. | 10/25/2011 |

| | | | | | |
|----------------|--|--|--|---|------------|
| 037 Open Items | OI 02.04.12-3 Groundwater | Groundwater in existing soil structure Need: Address different interpretations re groundwater in existing soil based on slow rise of level in some monitoring wells. Based on the ties to OI 02.04.12-1, the submittal date moved to 8/30/11. Luminant, incorporate alternate interpretations re groundwater in overarching description. Will probably be combined with response to OI 02.04.12-1. Luminant to supplement RAI-147 (S02), Q 02.04.12-9 re shallow ground water. | | NRC review response. Discuss responses and hydrology open items during 10/25/2011 public meeting. | 10/25/2011 |
| 037 Open Items | OI 02.04.12-4 Leakage Paths | Potential error in calculation Luminant has provided a clarification which will be in COLA Rev. 2. Not on NRC project status list as of 7/5/2011. | | Plan forward proposed by Luminant: NRC to review and consider closing as a resolved confirmatory item. | 6/28/2011 |
| 037 Open Items | OI 02.04.12-5 and 02.04.13-2 Vertical Flow Paths | 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 review response. Discuss responses and hydrology open items during 10/25/2011 public meeting. | 10/25/2011 |
| 037 Open Items | OI 02.04.12-6 DCD Compliance | Potential impact of seismic event on groundwater level Need: Address potential impact of seismic event on groundwater level. Not on NRC project status list as of 7/5/2011. See TXNB-11046 dated 7/14/2011. | | Plan agreed upon: NRC review supplemental information (RAI-147 S01, Q 2.4.12-9 S). | 7/14/2011 |
| 037 Open Items | OI 02.04.13-3 | 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. Based on the ties to OI 02.04.12-1, the submittal date moved to 8/30/11. NRC to re-read responses to RAI-145. Luminant to prepare and provide an overarching description of the horizontal leakage path, to discuss the physics involved and to identify and justify assumptions used. RAI-145 S01, Q2.4.13-5, 6 & 7. | | NRC review response. Discuss responses and hydrology open items during 10/25/2011 public meeting. | 10/25/2011 |
| 037 Open Items | OI 02.05.01-22 ?? | RAI 219 is an Open Item (Monarque 7-26-2011) Luminant will perform detailed geologic mapping of the excavations for the Comanche Peak Nuclear Power Plant, Units 3 and 4 nuclear island structures; examine and evaluate geologic features discovered in the excavations for safety-related structures other than those for the Units 3 and 4 nuclear islands; and notify the Director of the Office of New Reactors, or the Director's designee, once excavations for the Comanche Peak Nuclear Power Plant, Units 3 and 4 safety-related structures are open for examination by the NRC staff. NRC proposed a license condition and Luminant submitted a commitment in lieu of a licens condition. See RAI-219 and TXNB-11040 dated 6/6/2011. | | Plan forward proposed by Luminant: NRC is tracking as an Open Item until they resolve it | |

| | | | | | | |
|---------------------|---|---|------------------------------------|--|--|------------|
| 037 Open Items | OI 02.05.02-26 re Local Low Level Earthquakes | Open Item 2.5.2-26 (RAI 168) re local earthquakes in area of plant. Luminant responded to question in TXNB-10073 on October 21, 2010. Conference call held on 5/3/11. Luminant and NRC met face-to-face to discuss this summer. | | | Luminant submit additional information late October. | 10/31/2011 |
| 037 Open Items | OI 02.05.04-25 Concrete Backfill | Monarque 7-26-2011: RAI 223 is an Open Item In order to clarify that all fill under seismic Category 1 structures must be concrete backfill, not soil backfill, the staff requests the applicant provide an ITAAC for the concrete backfill. The requested ITAAC should establish inspection and test methods for the concrete fill. Luminant submitted a response on 7-28-2011 (TXNB-11049) | | | Plan forward proposed by Luminant: NRC review Luminant response. | 7/28/2011 |
| 040 Recent Letters | TXNB-11057 Hydro Open Items | Addresses Hydrology open items from June 2011 audit. Includes supplements to RAI-22, 145 and 147). Addition supplement to RAI-139 to address grading and surface flooding to follow. | | | NRC review. Public meeting planned for 10/25/2011 to discuss these responses and the open items from the audit. | 8/29/2011 |
| 060 Public Meetings | Hydrology Issue Resolution | Luminant proposed a public meeting to discuss the NRCs review of the Luminant responses to the Hydrology Audit Open Items. The meeting should be 4 to 5 weeks after the final response is filed. The NRC proposed October 25. Luminant replied that they can support the date and proposed a morning meeting. The meeting will address the information provided by Luminant on August 29 and Luminant will provide a briefing re the supplement to RAI-139. | | | NRC confirm the date of 10/25 for 1/2 day in the morning. | 10/25/2011 |
| 133 Chapter Status | SITE CHARACTERISTI CS | Cnfrmtry Iss - 10+ OIs or UIs - 10 Review complete - ?? SER W/OI - December 2011. ACRS Subc - April or sooner? | | | NRC complete reviews and tech input for SER W/OI. May iss an SE W/OI for chapter less section 2.4. | 4/27/2011 |
| 135 RAI Responses | 02.04.01 RAI-138 (4308) Flooding | Two questions. A reanalysis re 2.4.1-7 would probably take 3 or 4 months. We do not believe the reservoir will be built. Part 2, we want to describe how we intend to approach to see if this meets the reviewers needs. Q 2.4.1-6 7/16/10. Q 2.4.1-7 Part 1 - 7/16/10. Part 2 - 7/16/10. Developed responses by modifying current calculations and using conclusion that SBR is not a proposed feature. See TXNB-10052 dated 7/16/10. | Resolved/Closed: 6 Responded: 7 | | NRC review and update Status Table. Project Status List says that technical review for the section is complete. This may mean the RAI is closed/resolved. Over 13 months old. | 7/16/2010 |
| 135 RAI Responses | 02.04.02 RAI-139 (4309) Flood Calc | We can enhance FSAR. Much of info is in the calculation. We can provide. Project answering by addressing appropriate section in RG 1.59 and our calc. Q 2.4.2-2 - 7/16/10. Will develop responses by modifying current calculations and conclusion that SBR is not a proposed feature. See TXNB-10052 dated 7/16/10. | Responded: 02.04.02-2 | | Luminant to supplemented in response to Open Items from June 2011 hydrology audit. | 7/16/2010 |
| 135 RAI Responses | 02.04.03 RAI-143 (4310) Hyd Flooding | Q 2.4.3-5, 6, 7, 8, 10 & 11 - 90 day - 7/16/2010. See TXNB-10052 dated 7/16/10. Q 2.4.3-9 Done (See TXNB-10032 dated 4/20/2010). Developed responses by modifying current calculations and using conclusion that SBR is not a proposed feature. Response submitted via TXNB-10052 on 7/16/2010. | Responded: 5 to 11 | | NRC review and update Status Table. Over 13 months old. | 7/16/2010 |

| | | | | | |
|--------------------|---|---|---|--|------------|
| 135 RAI Responses | 02.04.03 RAI 188 (5225) Flood Assumptions | Q 02.04.03-12, Flooding calc assumptions. No clarification conference call needed. Response included in TXNB-10087 dated 12/16/10. | Responded: 12 | NRC review and close RAI. Over 9 months old. | 12/20/2010 |
| 135 RAI Responses | 02.04.04 RAI-140 (4311) Flooding | 2.4.4-5 Will list and identify that they contribute to a less severe sequency. 2.4.4-6 Will show we comply with RG or are more conservative. 2.4.4-7 Feel our normal level assumption can be justified. Will develop responses by modifying current calculations and conclusion that SBR is not a proposed feature. See TXNB-10052 dated 7/16/10. | Responded: 5, 6 and 7. | NRC review and update Status Table. Over 13 months old. | 7/16/2010 |
| 135 RAI Responses | 02.04.12 RAI-147 (4314) Groundwater | Q 2.4.7-8 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. | Resolved/Closed:10, 13, 14, 15, Responded: 8, 9, 11, 12, 16, 17 | NRC review and update Status Table. Less than 90 days old. | 8/30/2010 |
| 135 RAI Responses | 02.05.04 RAI-223 (5716) ITAAC Concrete Fill | Question 02.05.04-25 asks that an ITAAC be proposed for fill concrete below seismic I structures. TXNB-11049 (7/28/11) submitted response | Responded: 25 | Per 8/22/11 Project Status Table, this is an Open Item. | 7/29/2011 |
| CH: 03 (12) | | | | | |
| 030 RAIs | 03.07.02 RAI-226 (5947) Site Seismic | Questions 03.07.02-23, 24 and 25 actually contain 36 questions related to site seismic review. Question 23 is a followup to 03.07.02-16, question 24 is a followup to 03.07.02-11 and question 24 is a followup to 03.07.02-2, all of which Luminant responded to via TXNB-09073 on 11/24/09 and TXNB-09076 dated 12/7/2009 . | | Luminant determine if clarifying conference call is needed and if more than 35 days is needed to respond. | 9/26/2011 |
| 037 Open Items | OI 03.02.02-5 | Question 3.2.2-5 from RAI 180 is an open item. The question asked for the codes and standards that applied to the list of site specific components which are designed to withstand the effects of earthquakes without loss of safety function. Luminant responded in TXNB-10081 dated 11/18/2010. | | Plan forward proposed by Luminant: NRC review Luminant response. | |
| 037 Open Items | OI 03.07.04-2 | RAI 146 Question 3.7.4-2 is an Open Item re Seismic Instrumentation. Luminant responded to the question in TXNB-10026 dated 4/1/2010. Luminant provided a supplemental response in TXNB-11016 on 3/18/2011. | | Plan forward proposed by Luminant: NRC review the Luminant supplemental response. | |
| 037 Open Items | OI 3.7.1-9 Time Histories | Monarque 7-26-2011: RAI 222 is an Open Item Additional information that demonstrates the appropriateness of the selected time histories for the Comanche Peak site and how these represent the site-specific seismic response are needed in order for the staff to complete its safety review. Luminant response provided in TXNB-11048 on 7/19/2011. | | Plan forward proposed by Luminant: NRC review TXNB-11048 to determine if issue can be closed. | |
| 080 Drop In Visits | Integrated Seismic Closure Actions | Luminant to describe plans to close all seismic issues still pending. In large part, this involves resolution of final DCD design and water level resolution. This is an administrative discussion to address scope and schedule planning only. | | Luminant propose date and provide agenda. This visit may get delayed if resources must be diverted to respond to RAI-226. Luminant proposes the week of 9/19 or 9/26. NRC to consider availability for the drop-in visit. | 9/7/2011 |

| | | | | | | |
|--------------------|--|---|--|--|---|------------|
| 090 Action CPNPP | Integrated Seismic Closure Plan | Integrated seismic closure plan including all seismic issues such as RAI 221, seismic margin analyses, seismic sliding assessment, and impacts from the final decisions by the DCD Seismic Task Team. Needs to address any impact due to changes in ground water level. | | | Luminant develop and present to the NRC an integrated seismic closure plan during a drop-in visit in late Sept/early Oct 2011. A public meeting may be useful in the November time frame to provide more detailed information to the NRC staff. | 9/20/2011 |
| 090 Action CPNPP | Sliding of Buildings | The DCD seismic review is expected to generate a new COL Item requiring COL applicants to do a plant specific assessment the potential sliding of buildings. Applicants to apply appropriate shear key design from DCD. | | | Luminant to perform assessment. Luminant intends to include this item in the Integrated Seismic Closure Plan. | 10/31/2011 |
| 133 Chapter Status | DESIGN OF STRUCTURES, SYSTEMS, COMPONENTS, AND EQUIPMENT | Cnfrmtry Iss - 12 OIs or UIs - 2 SER W/OI - October 2011 ACRS Subc - ?? | | | Complete reviews and tech input for SER W/OI | 4/27/2011 |
| 135 RAI Responses | 03.07.02 RAI-171 (4760) Seis sys anal | One question, Q 03.07.02-17. Q 03.07.02-2. Submitted on 8/12/10 via TXNB-10058. Per phone conversation on 9/7/10, NRC needs a frequency range of 0.1 to 100 HZ for figure re 3.7.2-17. Luminant provided supplemental response via TXNB-10068 on 10/6/2010. | Responded: Q 03.07.02-17 | | NRC review. Over 10 months old. | 10/7/2010 |
| 135 RAI Responses | 03.08.04 RAI-167 (4541) Seis Cat 1 | RAI-167 (4542), Q 03.08.04-61 to 85. (5/21) Luminant requested a public conference call during or after the week of 6/21. (5/27) Luminant requested a 32-day extension until July 26, 2010. On 6/16, Steve Monarque granted the extension. Public conference call held 6/24 at 12:00 CT (1:00 ET). Luminant requested and received an extension to 8/9/2010. Response submitted in TXNB-10057 on 8-9-2010. Closed on 9/14 status table with statement that followup RAI to be issue. | Responded: 64. Resolved/Closed: 61-63, 65-69, 71-73, 75-80, 82-85 Closed/Unresolved: 70, 74, 81 | | Issue follow-up RAI on 10/22: three questions on 3.7.2 and 3.8.4. (RAI-184 may be the projected RAI.) | 10/22/2010 |
| 135 RAI Responses | 03.09.06 RAI 57 (2772) IST | RAI 57 3.9.6 IST 12 ques (3.9.6-1 to 12) <i>(Answers provided by TXNB-09058 dated 10/26/09.)</i> | Based on phoncon between Monarque and Conly on 2011-08-26. Still Responded in eRAI for all questions. Reviewer believes questions 5 to 9 can be closed/resolved. There remaining (1 to 4 and 9 to 12) require follow-up. eRAI 8/31 still shows all questions (1 to 12) as Responded. | | Reviewer update the eRAI table. Provide follow-up RAI. Over 23 months old. This is the third time that the NRC has taken excessive time to review a response and now needs follow-up. | 10/26/2009 |

| | | | | | |
|--------------------|---|--|--|---|------------|
| 135 RAI Responses | 03.11 RAI-73 (2765) | Dated 9/23/2009. Response, TXNB-09063 dtd 11/11/2009. 11 questions. RAI 073, 03.11-01 to -11 EQ With 7 day extension of 11/2, new date for RAIs is 11/11/09. (Answers provided via TXNB-09063 on 11/11/09) | Responded: 1 to 11 | NRC Review. Over 22 months old. | 11/11/2009 |
| CH: 04 (2) | | | | | |
| 110 Other Items | Fuel Performance Measurement and Verification | Because the CPNPP fuel will be first of a kind, the NRC is interested in a performance measurement program and a confirmation that the fuel is performing as predicted. A license condition may be proposed for CPNPP as the R-COLA for the MHI design. | | NRC develop and present a proposal to Luminant. | |
| 133 Chapter Status | REACTOR | OIs or UIs - 0 SER W/OI - ?? ACRS Subc - Dec 15-16 | | NRC complete tech input for SER W/OI. Waiting for completion of DCD review. Go to ACRS subcommittee with DCD Chapter 4. | 4/27/2011 |
| CH: 05 (1) | | | | | |
| 133 Chapter Status | REACTOR COOLANT AND CONNECTING SYSTEMS | OIs or UIs - 0 SER W/OI - Completed 4/29/11 ACRS Subc - Completed 5/27/2011 Full ACRS - ?? | | NRC is tracking this chapter as Phase 4. | 5/13/2011 |
| CH: 06 (5) | | | | | |
| 037 Open Items | OI 06.04-7 and OI 06.04-11 | RAI 125 Question 6.4-7 re the ventilation system design and compliance with guidance is an Open Item. Luminant response provided by TXNB-10010 dtd 2/22/2010. RAI 172, question 06.04-11 was a followup and was answered by TXNB-10069 dtd 10/6/11. The response to 06.04-11 revised the response to 06.04-7. RAI-202, question 06.04-12 was another followup to the earlier questions. It was sent to the DCD and to CPNPP. The open issues are in the US-APWR standard design. MHI responded on March 9, 2011 in UAP-HF-11061 (RAI 691-5410 question 06.04-14) | | Plan forward proposed by Luminant: NRC complete review of Luminant and MHI responses. NRC provide clarification re what additional information or clarification is needed. | |
| 133 Chapter Status | ENGINEERED SAFETY FEATURES | OIs or UIs - 2 SER W/OI - ?? ACRS Subc - April 26-27, 2012 (?) | | Complete reviews and tech input or SER W/OI | 4/27/2011 |
| 135 RAI Responses | 06.02.02 RAI-076 (3105) Sump | RAI 076, 06.02.02-01 to -03 Containment Heat Removal With 7 day extension of 11/2, new date for RAIs 76, 77 and 78 (partial) is 11/12/09. (See TXNB-09066 dated 11/12/09) | Resolved/Closed: 1 and 2 Responded: 3 | NRC Review response. Over 21 months old. | 11/12/2009 |
| 135 RAI Responses | 06.04 RAI-202 (5411) Chillers | Q 06.04-12 asked to DCD and R-COLA. The response will probably be provided on the DCD docket and the R-COLA will reference the DCD response. Luminant has some concerns that same question was "shot gunned" to both DCD and R-COLA. Luminant does not need a clarifying call at this time. See TXNB-11018 dated 3/18. | Responded: 12 | NRC Review response. Over 5 months old. 8/24/11, the reviewer needs feedback from DCD review but sees no major problems with COLA response. | 3/18/2011 |

| | | | | | |
|--------------------|---|---|---------------|--|-----------|
| 135 RAI Responses | 06.04 RAI-216 (5652) HABIT Results | Question 06.04-13 re results for calculation for toxic gases using HABIT. No clarifying conference call is needed. See letter TXNB-11038 dated 5/31/11. | Responded: 13 | NRC review response. Less than 90 days old. Reviewer understands some answers but needs a conference call to clarify. NRC to propose date for a call. | 6/1/2011 |
| CH: 07 (1) | | | | | |
| 133 Chapter Status | INSTRUMENTATION AND CONTROLS | OIs or UIs - 0 SER W/OI - December 2011 ACRS Subc - March 22-23, 2012 | | Complete tech input (Sept 2011) for SER W/OI. Goes to ACRS subcommittee with DCD Chapter 7. Waiting to complete DCD review. | 4/27/2011 |
| CH: 08 (3) | | | | | |
| 037 Open Items | OI 08.02-1 Grid Stability and Time Delays | RAI 5116, Question 08.02-30 (CP RAI 182). Response provided in TXNB-10087. Relates to grid stability, and the 3 second time delay. Luminant believes our response was complete and reviewer can confirm the design with MHI and the DCD. MHI responded to RAI 687-5394 on 2/24/11 via UAP-HF-11049 (question 15.0.0-24). Conference call held on 7/27 between MHI and NRC. MHI to clarify sequence of events and the basis for each action. What is signal that triggers the 15 second time delay? If needed, R-COLA response to RAI-182 needs to be supplemented. Draft responses by 8/3/11. | | PLAN AGREED UPON. NRC determine if DCD information is sufficient to resolve issues. Luminant to submit additional information along with DCD RAI 687 additional information. | 9/12/2011 |
| 037 Open Items | OI 8.1-1 GDC 5 Sharing SCCs | 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. | | Plan forward proposed by Luminant: <ul style="list-style-type: none"> NRC review supplemental response to RAI-9 (S01) to confirm no impact from sharing (TXNB-11055). NRC to propose a conference call the week of 8/29/11. | 8/9/2011 |
| 133 Chapter Status | ELECTRIC POWER | OIs or UIs - 2 SER W/OI - July 2011 ACRS Subc - August 17, 2011 | | Develop responses to ACRS Subcommittee questions. | 4/27/2011 |
| CH: 09 (15) | | | | | |
| 037 Open Items | OI 09.04.01-01 | RAI 63 Question 9.4.1-1 is an Open Item. Question relates to MCR heater sizing. Response to RAI 63 provided by TXNB-09060 dtd 10/30/09. A supplemental response submitted via TXNB-10076 dtd 10/29/2010. A followup question (09.04.01-3 mixing of air) as asked via RAI 207 and Luminant responded via TXNB-11022 dated 4/13/11. | | Plan forward proposed by Luminant: NRC review responses. | 4/27/2011 |

| | | | | | |
|----------------|--|--|--|---|-----------|
| 037 Open Items | OI 09.04.01-3 Heater Calc | RAI-207(5598). Q 09.04.01-3 Heater calculation. Clarifying call not required. See TXNB-11022 issued 4/13/2011. | | Plan forward proposed by Luminant: NRC has not completed review of RAI response. Moved to OI status to write SER input. Over 4 months old. | 4/13/2011 |
| 037 Open Items | OI 09.04.05-01 | RAI 110 Q 09.04.05-1 Update to heater ratings based on revised temperature range for CPNPP. The update was provided by TXNB-10076 on 10/29/10 | | PLAN AGREED UPON. NRC determine if Luminant response to RAI is sufficient to close item. | 1/5/2011 |
| 037 Open Items | OI 09.04.05-4 | RAI 123 Question 9.4.5-4 is an Open Item. Response to RAI provided via TXNB-09081 on December 16, 2009. Question 9.4.5-16 in RAI 213 is a followup question. Response submitted 5/6/11 in TXNB-11032. Luminant described missile protection for intake and exhausts for ESW and transfer pump rooms (6891) in the response to RAI 213. | | Plan forward proposed by Luminant: NRC review responses and inform Luminant if more information is required. | 4/28/2011 |
| 037 Open Items | OI 09.04.05-5 Pump Houses, Fire and Flood separation | RAI-123. Luminant response provided in TXNB-09081 dated 12/16/2009. Q 09.04.05-17 of RAI 5585 (CP RAI 213) was a followup question and Luminant's response was provided by TXNB-11032 dated May 6, 2011. | | Plan forward proposed by Luminant: NRC review luminant responses. | 5/6/2011 |
| 037 Open Items | OI 09.04.05-8 ESW Pump House Heating | RAI-123. Response submitted via TXNB-09081 on 12/16/2009. Q 09.04.05-13 of RAI 5585(CP RAI 213) was a followup question and was responded to by TXNB-11032 dated May 6, 2011. | | Plan forward proposed by Luminant: NRC review luminant responses. | 5/6/2011 |
| 037 Open Items | OI 09.04.05-10 ESW Pump House Inst | RAI-123. Response provided by Luminant in TXNB-09081 dated December 16, 2009. Q 09.04.05-18 of RAI 5585 (CP RAI 213) was a followup question and Luminant responded via TXNB-11032 on May 6, 2011. | | Plan forward proposed by Luminant: NRC review luminant responses. | 5/6/2011 |
| 037 Open Items | OI 09.04.05-12 | RAI 123 Question 9.4.5-12 is an Open Item. Response to RAI provided via TXNB-09081 on December 16, 2009. The question relates to the inspection and testing of UHS ESW Pump House equipment. It asks about flammable vapors. It includes the capability of backdraft dampers to withstand the effects of tornadoes and atmospheric differential pressure loading (factory testing is suggested). Test 14.2.12.1.114 lacks detail and does not address the heaters or system flow rates. Followup questions 9.4.5-14 (backdraft dampers) and 9.4.5-15 (room temperature) have been included in RAI-213. Luminant has responded to RAI-213 via TXNB-11032 dated May 6, 2011. | | Plan forward proposed by Luminant: NRC identify any additional information or clarifications needed. | 4/28/2011 |
| 037 Open Items | OI 09.04.05-13 | RAI-213 (5585) ESW Pump House. Questions 09.04.05- 13 to 18. Clarifying call not required. NRC agree to an extension to 5/6 on 4/27 COLA Conference Call. See TXNB-11032 dtd 5/6/11. | | Plan forward proposed by Luminant: NRC has not completed review of RAI response. Moved to OI status to write SER input. Over 3 months old. | 5/6/2011 |

| | | | | | |
|--------------------|-----------------------------------|---|--|---|-----------|
| 037 Open Items | OI 09.04.05-14 | RAI-213 (5585) ESW Pump House. Questions 09.04.05- 13 to 18. Clarifying call not required. NRC agree to an extension to 5/6 on 4/27 COLA Conference Call. See TXNB-11032 dtd 5/6/11. | | Plan forward proposed by Luminant: NRC has not completed review of RAI response. Moved to OI status to write SER input. Over 3 months old. | 5/6/2011 |
| 037 Open Items | OI 09.04.05-15 | RAI-213 (5585) ESW Pump House. Questions 09.04.05- 13 to 18. Clarifying call not required. NRC agree to an extension to 5/6 on 4/27 COLA Conference Call. See TXNB-11032 dtd 5/6/11. | | Plan forward proposed by Luminant: NRC has not completed review of RAI response. Moved to OI status to write SER input. Over 3 months old. | 5/6/2011 |
| 037 Open Items | OI 09.04.05-16 | RAI-213 (5585) ESW Pump House. Questions 09.04.05- 13 to 18. Clarifying call not required. NRC agree to an extension to 5/6 on 4/27 COLA Conference Call. See TXNB-11032 dtd 5/6/11. | | Plan forward proposed by Luminant: NRC has not completed review of RAI response. Moved to OI status to write SER input. Over 3 months old. | 5/6/2011 |
| 037 Open Items | OI 09.04.05-17 | RAI-213 (5585) ESW Pump House. Questions 09.04.05- 13 to 18. Clarifying call not required. NRC agree to an extension to 5/6 on 4/27 COLA Conference Call. See TXNB-11032 dtd 5/6/11. | | Plan forward proposed by Luminant: NRC has not completed review of RAI response. Moved to OI status to write SER input. Over 3 months old. | 5/6/2011 |
| 037 Open Items | OI 09.04.05-18 | RAI-213 (5585) ESW Pump House. Questions 09.04.05- 13 to 18. Clarifying call not required. NRC agree to an extension to 5/6 on 4/27 COLA Conference Call. See TXNB-11032 dtd 5/6/11. | | Plan forward proposed by Luminant: NRC has not completed review of RAI response. Moved to OI status to write SER input. Over 3 months old. | 5/6/2011 |
| 133 Chapter Status | AUXILIARY SYSTEMS | OIs or UIs - 14 SER W/OI - ?? ACRS Subc - Best est. DCD and RCOLA in Jan 2012 | | Complete reviews and tech input for SER W/OI. Working on DCD SE. COL SE to follow shortly thereafter. | 4/27/2011 |
| CH: 10 (2) | | | | | |
| 090 Action CPNPP | COL Item 9.4(?) Sec Chem | DCD Rev 3 contained a new COL Item in the text that did not get picked up in the list at the end of the section and in the COLA: "The COL applicant will provide secondary side water chemistry threshold values and recommended operator actions for chemistry excursions, or provide a commitment to the latest version of the EPRI "pWR Secondary Water Chemistry Guidelines" in effect at the time of COLA submittal." | | NRC issued an RAI to MHI. Luminant to update FSAR based on MHI response. MHI will add the COL Item in the list of COL Items for DCD Section 10.4 and in DCD Section 1.8. COLA Sections 1.8 and 10.4 will be revised to address the Item. | |
| 133 Chapter Status | STEAM AND POWER CONVERSION SYSTEM | OIs or UIs - 0 Review complete - Complete SER W/OI - July 2011 ACRS Subc - Aug 17, 2011 | | Develop response to questions asked by ACRS subcommittee. | |
| CH: 11 (3) | | | | | |

| | | | | | |
|----------------------|---|--|---|---|-----------|
| 030 RAIs | 11.02 RAI-224 (5854) Evap Pond Sampling | Q 11.02-18. Concerns how we will sample the Evap Pond. | | Clarification call requested. | 9/13/2011 |
| 075 Conference Calls | 11.02, RAI-224 (5854) Evap Pond | Q 11.02-18, Sample Points for Evap Pond. | | Luminant determine if clarifying conference call is needed and them respond. NRC propose day and time for clarifying conference call. | 9/13/2011 |
| 133 Chapter Status | RADIOACTIVE WASTE MANAGEMENT SYSTEM | Sections complete - 8/8 Cnfrmtry Iss - 5 OIs or UIs - 1 Review complete - May 2011 SER W/OI - Late August ACRS Subc - Oct 20-21 (Conly) | | Issue SER W/OI. Work is linked to 2.4.13 reviews. | |
| CH: 12 (2) | | | | | |
| 030 RAIs | 12.03-12.04, RAI-225 (5981) Zinc Inj | Q 12.03-12.04-12 asks about zinc injection for CPNPP. Clarifying conference call not required. Response will revise chapter 5, 9, 11 and 12. Luminant had hope to address this post COL. | | Luminant respond. | 9/19/2011 |
| 133 Chapter Status | RADIATION PROTECTION | OIs or UIs - 0 Review complete - May 2011 SER W/OI - Late August 2011 ACRS Subc - October 20-21, 2011 (Evans) | | Complete reviews and tech input for SER W/OI. Chapter review completed 2/7/2011. | 4/27/2011 |
| CH: 13 (3) | | | | | |
| 030 RAIs | 13.06.06 RAI-227 (6013) Cyber Sec | One question, Q 13.06.06-1 asks for a Cyber Security update per recent NRC guidance. Luminant requests a clarifying conference call. | | NRC propose a day and time for a clarifying conference call. | 10/3/2011 |
| 133 Chapter Status | CONDUCT OF OPERATIONS | OIs or UIs - 0 SER W/OI - ?? ACRS Subc - ?? | | Issue SE W/OIs. | |
| 135 RAI Responses | 13.06.01 RAI-194 (5203) Security | Q 13.06.01-52 to 56, questions resulting from site visit in summer of 2010. 4 questions but 20+ subparts. Steve extended the due date to 1/31/2011 during the 1/5/2011 COLA Conference Call. Luminant does not need a clarifying conference call. Submitted via TXNB-11005 on 1/27/2011. | Responded: 52 to 56 | NRC Review. Over 8 months old. | 1/31/2011 |
| CH: 14 (10) | | | | | |
| 037 Open Items | OI 14.03.03-5 | Q 14.03.03-5 of RAI 212 (5391) listed as an Open Item on the NRC spreadsheet of 5/18/11. A question concerning ITAAC and use of phrase "Seismic Category I piping". Luminant responded via TXNB-11021 dte 4/8/2011. | | Plan forward proposed by Luminant: NRC review Luminant response for closure of Open Item. | |
| 133 Chapter Status | VERIFICATION PROGRAMS | Review complete - October 2011 SER W/OI - ?? ACRS Subc - March 22-23, 2012 (expected to slip - maybe to June 2012 - needs to follow the other chapters) | | Complete reviews and tech input for SER W/OI | |
| 135 RAI Responses | 14.03.03 RAI-212 (5391) ITAAC | Q 14.03.03-5 re ITAAC. No clarifying call needed. Luminant submit response. SEE TXNB-11021 dated 4/8/11. | Question (14.030-.03-5) shown as Responded on eRAI. | NRC Review. | 4/25/2011 |

| | | | | | |
|--------------------|---|--|--|---|------------|
| 135 RAI Responses | 14.03.07 RAI-174 (5004) ITAAC | Plant Specific ITAAC. Qs 14.03.07-29, 30 and 31. These are followup questions based on responses to RAIs 81, 82 and 83 but these phase 1 RAIs are not yet closed. Luminant responses provided via TXNB-10067 dated 10/6/2010. | Responded: 29 | NRC review. Over 10 months old. | 10/6/2010 |
| 135 RAI Responses | 14.03.07 RAI-175 (5005) ITAAC | Plant Specific ITAAC. Q 14.03.07-30. These are followup questions based on responses to RAIs 81, 82 and 83 but these phase 1 RAIs are not yet closed. Luminant responses provided via TXNB-10067 dated 10/6/2010. | Responded: 30 | NRC review. Over 10 months old. | |
| 135 RAI Responses | 14.03.07 RAI-176 (5029) ITAAC | Plant Specific ITAAC. Qs 14.03.07-31. These are followup questions based on responses to RAIs 81, 82 and 83 but these phase 1 RAIs are not yet closed. Luminant responses provided via TXNB-10067 dated 10/6/2010. | Responded: 31 | NRC review. Over 10 months old. | |
| 135 RAI Responses | 14.03.07 RAI-177(5027) ITAAC | Q 14.03.07-32 re Table A.3-1 ITAAC. Luminant response submitted via TXNB-10072 dated 10/11/2010. | Responded: 32 | NRC review. Over 10 months old. | 10/11/2010 |
| 135 RAI Responses | 14.03.07 RAI-181 (5099) ITAAC | Question 14.03.07-33 regarding flood protection ITAAC. Clarifying conference call is not required. Luminant response provided in TXNB-10079 dated 10-29-2010. | Responded: 33 | NRC review. Over 10 months old. | 11/23/2010 |
| 135 RAI Responses | 14.03.07 RAI-220 (5755) ESWS Pump House I&C | Questions 14.3.7-34 to 36. Follow-up questions on I&C for ESWS Pump House ventilation system. Luminant submitted response on 6/23/11 via TXNB-11043. | Responded: 34, 35, 36 | NRC Review. Less than 90 days old. | 6/23/2011 |
| 135 RAI Responses | 14.03.12 RAI-211 (5494) Sec Tests | Q 14.03.12-1 to 5, enhanced discussions of testing to support security ITAAC. Do not need a clarifying conference call. Steve that the reviewer has not reviewed our recent response re division 5 RGs. Luminant submit response. Responded via TXNB-11025 dtd 4/19/11. | Per eRAI, these five questions are "Responded" but may become Open Items. Responded: 1 to 5 | NRC Review. Over 4 months old. | 4/19/2011 |
| CH: 15 (1) | | | | | |
| 133 Chapter Status | TRANSIENT AND ACCIDENT ANALYSES | OIs or UIs - 0 Review complete - Complete SER W/OI - (Awaiting DCD SERs) ACRS Subc - | | Complete tech input for SER W/OI. Goes to ACRS subcommittee with DCD Chapter 15. | |
| CH: 16 (1) | | | | | |
| 133 Chapter Status | TECHNICAL SPECIFICATION S | OIs or UIs - 0 Review complete - Complete SER W/OI - ?? ACRS Subc - Feb 23-24, 2011 | | Complete reviews and tech input for SER W/OI. Out for secondary reviews. Digital I&C may be the most difficult. Updates may be needed as a result of DCD changes. RITS still under review (Methodology assigned to chapter 19). | |
| CH: 17 (3) | | | | | |

| | | | | | |
|--------------------|--|--|--|---|-----------|
| 037 Open Items | 17.05 RAI-79 (2996) Open Items | Q 17.05-1 to 10 17.05-3 17.3.1 revision is inadequate 17.05-5 QA Inspection (Closed) 17.05-9 RG exceptions (clarified in QAPD Rev 1) As of 1/28/2011 status report, only 17.05-5 is shown as an open item. On 4/12, Greg Galletti reported all items closed except of ODCM Regulatory Commitments. Luminant opened a Luminant Action Required item to revise the QAPD. | Resolved/Closed: 1, 2, 4, 7, 10 Closed/Unresolved (Open Item): 3, 9 Closed/Unresolved: 5, Confirmatory: 6, 8, Per PST 8/31/2011, 3, 5, and 9 are an open item. | PLAN AGREED UPON. NRC reviewer is assessing Luminant responses and items may get closed as part of that assessment. NRC Review Spreadsheet (3-8-2011) shows Action Item 17.05-5 is OPEN. | 4/13/2011 |
| 037 Open Items | OI 17.05-9 RG Conformance | Per conference call on 4/12, this is only open item for Chapter 17 QA review. Luminant updated QAPD in a UTR and COLA Revision 2. | | PLAN AGREED UPON. NRC review responses to close Open Items. | |
| 133 Chapter Status | QUALITY ASSURANCE AND RELIABILITY ASSURANCE | OIs or UIs - 2 Review complete - 12/2010 SER W/OI - Will be issued at same time as chapter 19. Being held up by DCD review of DRAP. ACRS Subc - May 2012 (may slip to July) | | Complete reviews and tech input for SER W/OI. 17.04 (D-RAP) is linked to Chapter 19 review. | |
| CH: 18 (1) | | | | | |
| 133 Chapter Status | HUMAN FACTORS ENGINEERING | OIs or UIs - 0 Review complete - Complete SER W/OI - Novembe/December ACRS Subc - Feb 22-23, 2012 | | Complete tech input for SER W/OI. Steve has written the draft SER for this IBR'ed chapter. | |
| CH: 19 (8) | | | | | |
| 090 Action CPNPP | Update SMA commitments | These commitments (6481, 6491, 6641 and 6631) were originally due in mid 2010. Related matters are being tracked via PAIL item 6501, Tied to DCD seismic margins analysis which will not be completed until December 2010. Luminant submitted TXNB-10038 to change the due date to 3/31/2011. Because of delays in the review of the DCD seismic analysis work, an additional extension will be required. Luminant intends to submit an extension request by 3/15/2011. These matters primarily support Chapter 19 review but item 6501 may impact FSAR section 02.05.04. Part of Integrated Seismic Closure Plan. | | Luminant submitted a new closure milestone in TXNB-11013 dated 3/14/2011. | 3/30/2012 |
| 100 Action NRO | RITS Methodology Review | The methodology submitted June 2011. RAIs (or possibly conference calls/public meetings) August 2011. SE input October 2011. Discussion with Projects re schedule November 2011. | | NRC review submittal. | 8/31/2011 |
| 133 Chapter Status | PROBABILISTIC RISK ASSESSMENT AND SEVERE ACCIDENT EVALUATION | OIs or UIs - 0 SER W/OI - October 2011 ACRS Subc - May 2012 (may slip to July 2012) | | Complete reviews and tech input for SER W/OI. RITS is pending. Ch 19: Steve said (6/29) all other RAI #191 Questions are Confirmatory items. | |

| | | | | | |
|----------------------------|--|---|-------------------------------|---|------------|
| 135 RAI Responses | 19 RAI-093 (3729) SMA Methodology | RAI-090, 16-1 to 10 - TS, Part 4 PTS and Bases RAI 091, 16-11 to 16-16, TS Inst 3.3 RAI 093, 19-8, SMA methodology 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) | eRAI shows 19-8 as Responded. | NRC Review. Linked to SMA commitment. Over 22 months old. | 12/11/2009 |
| 135 RAI Responses | 19 RAI-210 (5069) Tornadoes Shut Down | Q 19-14. No clarifying call is needed. Luminant submit response. See TXNB-11025 dtd 4/19/11. | Responded: 14 | NRC review. More than 4 mo old. | 4/19/2011 |
| 135 RAI Responses | 19 RAI-218 (5731) PRA Cases | Q 19-15. Asks questions re possible cases for use of RITS. NRC agreed to an extension to end of June to be issued with RITS methodology. On June 16, a new due date of 7/15 was agreed upon. Luminant submit response. See TXNB-11047 dated 7/14/2011. | Responded: 15 | NRC Review. Less than 90 days old. | 7/15/2011 |
| 135 RAI Responses | 19.01 RAI-165 (4619) PRA | Qs 19-9 and 19-10, 12 questions. TXNB-10046 RAI 165, 166.pdf on 6/24/2010. | Responded: 9 and 10 | NRC review and update Status Table. Over 14 months old. | 6/24/2010 |
| 135 RAI Responses | 19.01 RAI-166 (4638) PRA Followup | Q 19-11, -12 and -13. TXNB-10046 RAI 165, 166.pdf | Responded: 11, 12 and 13 | NRC review and update Status Table. Over 14 months old. | 6/24/2010 |
| CH: Part 01 Fin (3) | | | | | |
| 090 Action CPNPP | Negotiation Action Plan | Discuss the potential for foreign influence. Call held on Thursday, 1/20, at 10am EST. Luminant assess NRC feedback and develop a plan to resolve. Luminant is standing by its submittal for now. Luminant is standing by the submitted plan at this time. May become an Open Item. Need to resolve before phase 6. Luminant submitted request to track as a Phase 2 Open Item on 7/28/11 (TXNB-11052). | | Luminant to re-initiate review. | 6/29/2012 |
| 100 Action NRO | FOCD | TXNB-11052 requested NRC to track FOCD as a Phase 2 Open Item | | NRC to grant or deny the request. NRC will respond in writing in the COLA schedule letter (8/3/11 call). | 9/30/2011 |
| 133 Chapter Status | Administrative and Financial Information | OIs or UIs - 0 SER W/OI - See Chapter 1 ACRS Subc - NA | | Complete reviews and tech input for SER. | |
| CH: Part 03 ER (3) | | | | | |
| 090 Action CPNPP | Potential alternate pipeline route | Luminant is exploring an alternate pipeline route based upon ability to obtain right-of-ways. The FSAR and ER have not been revised and may not be but Luminant wants to have alternatives identified and available. 5/19: Michael Willingham noted that any changes to the ER could affect the environmental review schedule. | | Luminant determine if update required and inform NRC. | 12/31/2011 |

| | | | | | | |
|------------------------------|---------------------------------------|--|--|--|--|------------|
| 090 Action CPNPP | Update NRO re Transmission Lines | In March of 2010, Luminant informed the NRC that, due to actions by ERCOT, the studies (or at least portions of the studies) regarding off-site power may need to be redone by Oncor. Some of the transmission lines or their routes may change. Some information may be available in the fall of 2010 but some final information may not be available until the spring of 2011. | | | Luminant keep NRC informed of update status. | 12/31/2011 |
| 133 Chapter Status | Environmental Report | Sections complete - All DEIS - Issued Final EIS - Issued | | | | |
| CH: Part 04 TS (1) | | | | | | |
| 133 Chapter Status | TECHNICAL SPECIFICATION S AND BASES | OIs or UIs - 0 SER W/OI - See Chapter 16 ACRS Subc - See Chapter 16 | | | Work with FSAR Chapter 16 review. | 1/3/2011 |
| CH: Part 05 EP (1) | | | | | | |
| 133 Chapter Status | Emergency Plan | OIs or UIs - 0 SER W/OI - See Chapter 13 ACRS Subc - See Chapter 13 | | | Work with Chapter 13 review. | 9/15/2010 |
| CH: Part 08 Sec (2) | | | | | | |
| 090 Action CPNPP | Potential Revision to PSP | The PSP may have to be revised to address the "controlled access area" for storage of new fuel onsite before fuel load for Unit 3 using 10 CFR 73.67. See RAI 198, Exemption Request for Parts 30, 40, and 70 | | | Luminant determine if plan update is required. If required, set a schedule to perform and submit. | 12/31/2011 |
| 133 Chapter Status | Safeguards / Security Plans | OIs or UIs - 0 SER W/OI - NA ACRS Subc - NA | | | Review and issue SER for security and FFD by phase 4. | |
| CH: Part 10 ITAAC (2) | | | | | | |
| 100 Action NRO | License Conditions | Generic discussions are ongoing between the NRC Staff (Jerry Wilson) and the industry (NEI COL TF) re standard/typical license conditions. NRC staff is also looking at plant specific license conditions for CPNPP Units 3 and 4. A partial update was included in response to RAI-198 for 10 CFR 30, 40, and 70. | | | NRC, when time is appropriate, initiate discussion of license conditions for CPNPP Units 3 and 4. | 1/31/2013 |
| 133 Chapter Status | ITAAC and Proposed License Conditions | OIs or UIs - 0 SER W/OI - See Chapter 14 ACRS Subc - See Chapter 14 | | | Work with FSAR Chapter 14 review. | |
| CH: Part 11 QAPD (1) | | | | | | |
| 133 Chapter Status | COLA Enclosures | OIs or UIs - 0 SER W/OI - See Chapter 17 ACRS Subc - See Chapter 17 | | | Work with FSAR Chapter 17 review. | |
| Total: 118 | | | | | | |

Licensing Conference Calls

| Title | Description | PM Status Update | No | Responded | Action Required | eRAI |
|---|---|--|----|------------|--|-----------|
| 03.09.06 RAI 57 (2772) IST | RAI 57 3.9.6 IST 12 ques (3.9.6-1 to 12) <i>(Answers provided by TXNB-09058 dated 10/26/09.)</i> | Based on phoncon between Monarque and Conly on 2011-08-26. Still Responded in eRAI for all questions. Reviewer believes questions 5 to 9 can be closed/resolved. The remaining (1 to 4 and 9 to 12) require follow-up. eRAI 8/31 still shows all questions (1 to 12) as Responded. | 12 | 10/26/2009 | Reviewer update the eRAI table. Provide follow-up RAI. Over 23 months old. This is the third time that the NRC has taken excessive time to review a response and now needs follow-up. | 8/31/2011 |
| 03.11 RAI-73 (2765) | Dated 9/23/2009. Response, TXNB-09063 dtd 11/11/2009. 11 questions. RAI 073, 03.11-01 to -11 EQ With 7 day extension of 11/2, new date for RAIs is 11/11/09. (Answers provided via TXNB-09063 on 11/11/09) | Responded: 1 to 11 | 11 | 11/11/2009 | NRC Review. Over 22 months old. | 8/31/2011 |
| 19 RAI-093 (3729) SMA Methodology | RAI-090, 16-1 to 10 - TS, Part 4 PTS and Bases RAI 091, 16-11 to 16-16, TS Inst 3.3 RAI 093, 19-8, SMA methodology 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) | eRAI shows 19-8 as Responded. | 1 | 11/11/2009 | NRC Review. Linked to SMA commitment. Over 22 months old. | 8/31/2011 |
| 06.02.02 RAI-076 (3105) Sump | RAI 076, 06.02.02-01 to -03 Containment Heat Removal With 7 day extension of 11/2, new date for RAIs 76, 77 and 78 (partial) is 11/12/09. (See TXNB-09066 dated 11/12/09) | Resolved/Closed: 1 and 2 Responded: 3 | 1 | 11/12/2009 | NRC Review response. Over 21 months old. | 8/31/2011 |
| 19.01 RAI-165 (4619) PRA | Os 19-9 and 19-10, 12 questions. TXNB-10046 RAI 165, 166.pdf on 6/24/2010. | Responded: 9 and 10 | 2 | 6/24/2010 | NRC review and update Status Table. Over 14 months old. | 8/31/2011 |
| 19.01 RAI-166 (4638) PRA Followup | Q 19-11, -12 and -13. TXNB-10046 RAI 165, 166.pdf | Responded: 11, 12 and 13 | 3 | 6/24/2010 | NRC review and update Status Table. Over 14 months old. | 8/31/2011 |

| | | | | | | |
|--|--|------------------------------------|---|-----------|--|-----------|
| 02.04.03 RAI-143 (4310) Hyd Flooding | Q 2.4.3-5, 6, 7, 8, 10 & 11 - 90 day - 7/16/2010. See TXNB-10052 dated 7/16/10. Q 2.4.3-9 Done (See TXNB-10032 dated 4/20/2010). Developed responses by modifying current calculations and using conclusion that SBR is not a proposed feature. Response submitted via TXNB-10052 on 7/16/2010. | Responded: 5 to 11 | 7 | 7/16/2010 | NRC review and update Status Table. Over 13 months old. | 8/31/2011 |
| 02.04.02 RAI-139 (4309) Flood Calc | We can enhance FSAR. Much of info is in the calculation. We can provide. Project answering by addressing appropriate section in RG 1.59 and our calc. Q 2.4.2-2 - 7/16/10. Will develop responses by modifying current calculations and conclusion that SBR is not a proposed feature. See TXNB-10052 dated 7/16/10. | Responded: 02.04.02-2 | 1 | 7/16/2010 | Luminant to supplemented in response to Open Items from June 2011 hydrology audit. | 8/31/2011 |
| 02.04.04 RAI-140 (4311) Flooding | 2.4.4-5 Will list and identify that they contribute to a less severe sequency. 2.4.4-6 Will show we comply with RG or are more conservative. 2.4.4-7 Feel our normal level assumption can be justified. Will develop responses by modifying current calculations and conclusion that SBR is not a proposed feature. See TXNB-10052 dated 7/16/10. | Responded: 5, 6 and 7. | 3 | 7/16/2010 | NRC review and update Status Table. Over 13 months old. | 8/31/2011 |
| 02.04.01 RAI-138 (4308) Flooding | Two questions. A reanalysis re 2.4.1-7 would probably take 3 or 4 months. We do not believe the reservoir will be built. Part 2, we want to describe how we intend to approach to see if this meets the reviewers needs. Q 2.4.1-6 7/16/10. Q 2.4.1-7 Part 1 - 7/16/10. Part 2 - 7/16/10. Developed responses by modifying current calculations and using conclusion that SBR is not a proposed feature. See TXNB-10052 dated 7/16/10. | Resolved/Closed: 6 Responded: 7 | 1 | 7/16/2010 | NRC review and update Status Table. Project Status List says that technical review for the section is complete. This may mean the RAI is closed/resolved. Over 13 months old. | 8/31/2011 |
| 14.03.07 RAI-174 (5004) ITAAC | Plant Specific ITAAC. Qs 14.03.07-29, 30 and 31. These are followup questions based on responses to RAIs 81, 82 and 83 but these phase 1 RAIs are not yet closed. Luminant responses provided via TXNB-10067 dated 10/6/2010. | Responded: 29 | 1 | 10/6/2010 | NRC review. Over 10 months old. | 8/31/2011 |
| 14.03.07 RAI-175 (5005) ITAAC | Plant Specific ITAAC. Q 14.03.07-30. These are followup questions based on responses to RAIs 81, 82 and 83 but these phase 1 RAIs are not yet closed. Luminant responses provided via TXNB-10067 dated 10/6/2010. | Responded: 30 | 1 | 10/6/2010 | NRC review. Over 10 months old. | 8/31/2011 |
| 14.03.07 RAI-176 (5029) ITAAC | Plant Specific ITAAC. Qs 14.03.07-31. These are followup questions based on responses to RAIs 81, 82 and 83 but these phase 1 RAIs are not yet closed. Luminant responses provided via TXNB-10067 dated 10/6/2010. | Responded: 31 | 1 | 10/6/2010 | NRC review. Over 10 months old. | 8/31/2011 |

| | | | | | | |
|---|---|---|---|------------|--|-----------|
| 03.07.02 RAI-171 (4760) Seis sys anal | One question, Q 03.07.02-17. Q 03.07.02-2. Submitted on 8/12/10 via TXNB-10058. Per phone conversation on 9/7/10, NRC needs a frequency range of 0.1 to 100 HZ for figure re 3.7-2-17. Luminant provided supplemental response via TXNB-10068 on 10/6/2010. | Responded: Q 03.07.02-17 | 1 | 10/6/2010 | NRC review. Over 10 months old. | 8/31/2011 |
| 14.03.07 RAI-177(5027) ITAAC | Q 14.03.07-32 re Table A.3-1 ITAAC. Luminant response submitted via TXNB-10072 dated 10/11/2010. | Responded: 32 | 1 | 10/11/2010 | NRC review. Over 10 months old. | 8/31/2011 |
| 14.03.07 RAI-181 (5099) ITAAC | Question 14.03.07-33 regarding flood protection ITAAC. Clarifying conference call is not required. Luminant response provided in TXNB-10079 dated 10-29-2010. | Responded: 33 | 1 | 10/29/2010 | NRC review. Over 10 months old. | 8/31/2011 |
| 02.04.03 RAI 188 (5225) Flood Assumptions | Q 02.04.03-12, Flooding calc assumptions. No clarification conference call needed. Response included in TXNB-10087 dated 12/16/10. | Responded: 12 | 1 | 12/16/2010 | NRC review and close RAI. Over 9 months old. | 8/31/2011 |
| 13.06.01 RAI-194 (5203) Security | Q 13.06.01-52 to 56, questions resulting from site visit in summer of 2010. 4 questions but 20+ subparts. Steve extended the due date to 1/31/2011 during the 1/5/2011 COLA Conference Call. Luminant does not need a clarifying conference call. Submitted via TXNB-11005 on 1/27/2011. | Responded: 52 to 56 | 5 | 1/27/2011 | NRC Review. Over 8 months old. | 8/31/2011 |
| 03.08.04 RAI-167 (4541) Seis Cat 1 | RAI-167 (4542), Q 03.08.04-61 to 85. (5/21) Luminant requested a public conference call during or after the week of 6/21. (5/27) Luminant requested a 32-day extension until July 26, 2010. On 6/16, Steve Monarque granted the extension. Public conference call held 6/24 at 12:00 CT (1:00 ET). Luminant requested and received an extension to 8/9/2010. Response submitted in TXNB-10057 on 8-9-2010. Closed on 9/14 status table with statement that followup RAI to be issue. | Responded: 64. Resolved/Closed: 61-63, 65-69, 71-73, 75-80, 82-85 Closed/Unresolved: 70, 74, 81 | 1 | 3/18/2011 | Issue follow-up RAI on 10/22: three questions on 3.7.2 and 3.8.4. (RAI-184 may be the projected RAI.) | 8/31/2011 |
| 06.04 RAI-202 (5411) Chillers | Q 06.04-12 asked to DCD and R-COLA. The response will probably be provided on the DCD docket and the R-COLA will reference the DCD response. Luminant has some concerns that same question was "shot gunned" to both DCD and R-COLA. Luminant does not need a clarifying call at this time. See TXNB-11018 dated 3/18. | Responded: 12 | 1 | 3/18/2011 | NRC Review response. Over 5 months old. 8/24/11, the reviewer needs feedback from DCD review but sees no major problems with COLA response. | 8/31/2011 |
| 14.03.03 RAI-212 (5391) ITAAC | Q 14.03.03-5 re ITAAC. No clarifying call needed. Luminant submit response. SEE TXNB-11021 dated 4/8/11. | Question (14.030-.03-5) shown as Responded on eRAI. | 1 | 4/8/2011 | NRC Review. | 8/31/2011 |

| | | | | | | |
|---|---|---|------------|-----------|--|-----------|
| 14.03.12 RAI-211 (5494) Sec Tests | Q 14.03.12-1 to 5, enhanced discussions of testing to support security ITAAC. Do not need a clarifying conference call. Steve that the reviewer has not reviewed our recent response re division 5 RGs. Luminant submit response. Responded via TXNB-11025 dtd 4/19/11. | Per eRAI, these five questions are "Responded" but may become Open Items. Responded: 1 to 5 | 5 | 4/19/2011 | NRC Review. Over 4 months old. | 8/31/2011 |
| 19 RAI-210 (5069) Tornadoes Shut Down | Q 19-14. No clarifying call is needed. Luminant submit response. See TXNB-11025 dtd 4/19/11. | Responded: 14 | 1 | 4/19/2011 | NRC review. More than 4 mo old. | 8/31/2011 |
| 01 RAI-198 (5347) Parts 30, 40 and 70 | Q 01-4, Potential generic RAI. NRC is working on an ISG in this area. RAIs (and follow-up RAIs) have been sent to other dockets. Luminant has a draft exemption request prepared similar to Vogtle's. RAI received. Being discussed generically. Luminant requested and received and extension until 3/23/2011. Discussed generically by COL Leads TF on 2/15 and 2/16. NRC agreed to extension to 5/6 during 4/27 conference call. Luminant responded via TXNB-11029 dtd 5/6/11. | Responded: 01-4 | 4 | 5/6/2011 | NRC review. Over 90 days old. | 8/31/2011 |
| 06.04 RAI-216 (5652) HABIT Results | Question 06.04-13 re results for calculation for toxic gases using HABIT. No clarifying conference call is needed. See letter TXNB-11038 dated 5/31/11. | Responded: 13 | 1 | 5/31/2011 | NRC review response. Less than 90 days old. Reviewer understands some answers but needs a conference call to clarify. NRC to propose date for a call. | 8/31/2011 |
| 14.03.07 RAI-220 (5755) ESWS Pump House I&C | Questions 14.3.7-34 to 36. Follow-up questions on I&C for ESWS Pump House ventilation system. Luminant submitted response on 6/23/11 via TXNB-11043. | Responded: 34, 35, 36 | 3 | 6/23/2011 | NRC Review. Less than 90 days old. | 8/31/2011 |
| 19 RAI-218 (5731) PRA Cases | Q 19-15. Asks questions re possible cases for use of RITS. NRC agreed to an extension to end of June to be issued with RITS methodology. On June 16, a new due date of 7/15 was agreed upon. Luminant submit response. See TXNB-11047 dated 7/14/2011. | Responded: 15 | 1 | 7/14/2011 | NRC Review. Less than 90 days old. | 8/31/2011 |
| 02.05.04 RAI-223 (5716) ITAAC Concrete Fill | Question 02.05.04-25 asks that an ITAAC be proposed for fill concrete below seismic I structures. TXNB-11049 (7/28/11) submitted response | Responded: 25 | 1 | 7/28/2011 | Per 8/22/11 Project Status Table, this is an Open Item. | 8/31/2011 |
| 02.04.12 RAI-147 (4314) Groundwater | Q 2.4.7-8 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. | Resolved/Closed: 10, 13, 14, 15, Responded: 8, 9, 11, 12, 16, 17 | 6 | 8/29/2011 | NRC review and update Status Table. Less than 90 days old. | 8/31/2011 |
| | | | Sum | | | |
| | | | : 79 | | | |

Total: **29**