

PMComanchePeakPEm Resource

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Sent: Tuesday, August 02, 2011 12:33 PM
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Subject: 2011-08-02 Woodlan, Comanche Peak Chapter 8 - Draft ACRS Presentation
Attachments: 2011-08-02 DRAFT R-COLA Chapter 8 ACRS (Luminant) Slides.pptx

Ngola,

Attached is our draft presentation for ACRS. Todd Evans has the lead to develop the slides and will be making the presentation for us.

Please let us know if you see any conflicts or unnecessary overlap with your presentation. We plan to submit our final slides to ACRS one week before the briefing.

Donald R. Woodlan

Manager, Nuclear Regulatory Affairs

Luminant Power

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LUMINANT GENERATION COMPANY

Comanche Peak Nuclear Power Plant, Units 3 and 4

ACRS, US-APWR Subcommittee



FSAR Chapter 8 – Electric Power

August 17, 2011



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Agenda – FSAR Chapter 8, Electric Power

- ☐ **Introduction**
- ☐ **Subsection by Subsection Discussion**
 - ☐ **FSAR Summary – Site Specific Design, COL Items, Departures**
 - ☐ **SER Summary – Open Items, Confirmatory Items, Proposed License Conditions**
- ☐ **Summary**



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Introduction

- ☐ **R-COLA authored using “Incorporated by Reference” methodology**
- ☐ **CPNPP COLA FSAR Chapter 8 takes no departures from the US-APWR DCD**
- ☐ **All site-specific SER Open Items have been addressed**
- ☐ **All site-specific Confirmatory Items have been addressed and are in FSAR Revision 2 submitted in June 2011**
- ☐ **COLA Revision 3 is scheduled for June 2012**
- ☐ **No contentions pending before ASLB**



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8.1 Introduction

□ CPNPP COLA FSAR Summary

- **US-APWR DCD Incorporated by Reference**
- **No departures or supplements**
- **No COL Information Items**

□ NRC SER Summary

- **1 site-specific SER Open Item (08.01-1) related to effects of shared electrical equipment between plants on safe shutdown**
- **No Confirmatory Items**
- **No proposed License Conditions**



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08.01-1 Sharing of SSCs (Open Item)

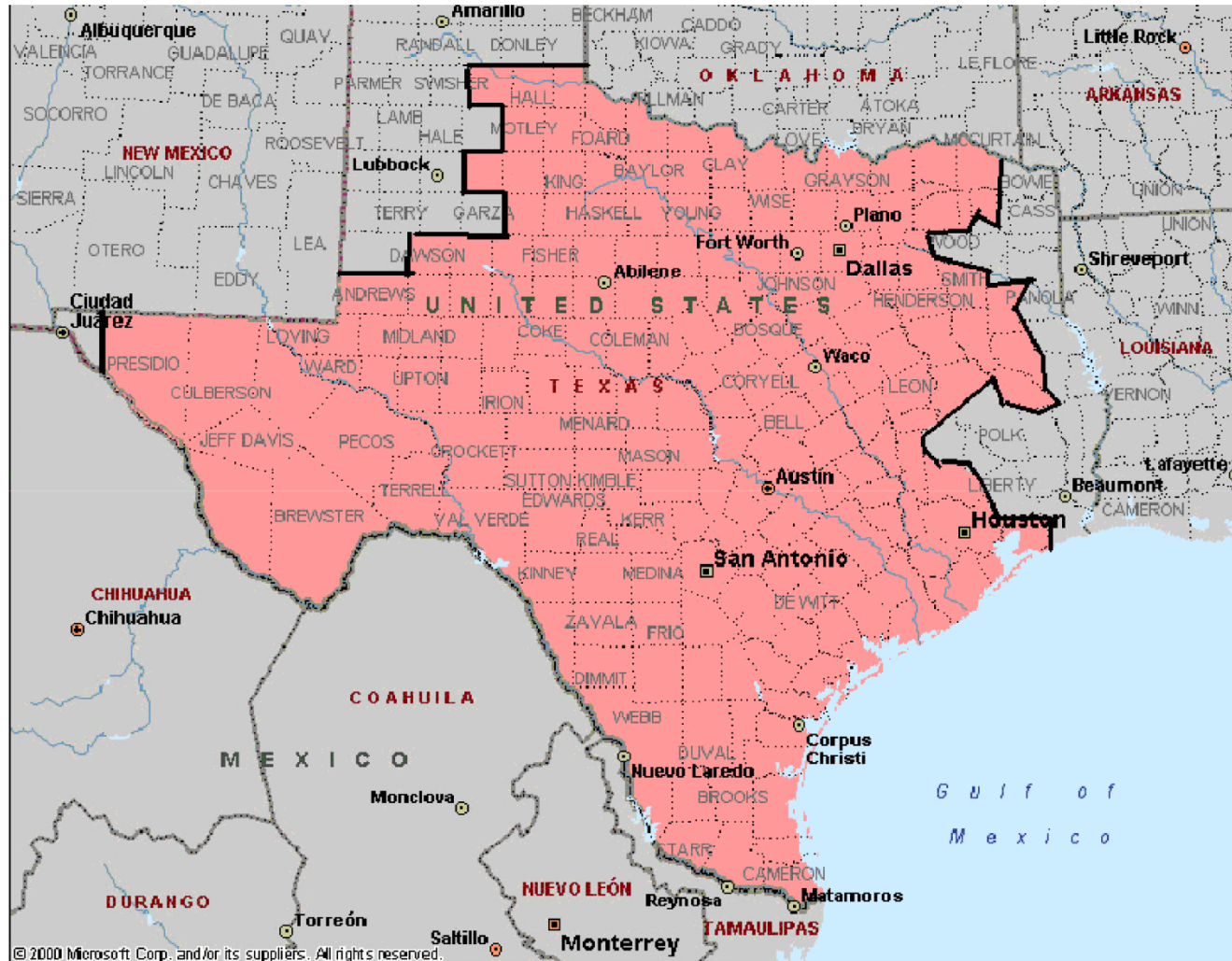
- ❑ **Open Item 08.01-1 related to CP RAI 9 (RAI 2576) Question 08.01-2**
 - **“However, the applicant has not demonstrated whether or not the SSCs important to safety that are shared among nuclear power units will not significantly impair their ability to perform their safety functions, including an accident in one unit, and orderly shutdown and cooldown of the remaining units.”**
 - **RAI 9 was supplemented on August 8, 2011 to address this Open Item. The supplement notes that the switching station equipment shared between Unit 3 and 4 has the capacity and is configured such that sharing will not significantly impair the ability to provide offsite power in response to an accident in one unit, and an orderly shutdown and cooldown of the remaining unit.**



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8.2 Offsite Power System





Offsite Power System



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8.2 Offsite Power System

❑ CPNPP COLA FSAR Summary

- **US-APWR DCD Incorporated by Reference**
- **No departures**
- **Nine COL Information Items**

❑ NRC SER Summary

- **1 SER Open Item (08.02-1) related to anti-motoring time delay**
- **Three Confirmatory Items**
- **No proposed License Conditions**



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08.02-1 Anti-motoring time delay (Open Item)

- ❑ **Open Item 08.02-1, related to CP RAI 182 (RAI 5116) Question 08.02-30 and DCD RAI 687 (RAI 5394) Question 15.0.0-24**
 - **“Inconsistency between the DCD chapter 15 language related to anti-monitoring protective relaying for main generator output breaker.”**
 - **The Staff is working on resolution with the DCD applicant, once a resolution is reached, Luminant will either confirm or revise its response to question 08.02-30.**



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8.3 Onsite Power Systems

❑ CPNPP COLA FSAR Summary

- **US-APWR DCD Incorporated by Reference**
- **No departures**
- **Seven COL Information Items**

❑ NRC SER Summary

- **No SER Open Items**
- **One Confirmatory Item**
- **No proposed License Conditions**



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8.4 Station Blackout

- ☐ **CPNPP COLA FSAR Summary**
 - **US-APWR DCD Incorporated by Reference**
 - **No departures**
 - **No COL Information Items**

- ☐ **NRC SER Summary**
 - **No SER Open Items**
 - **One Confirmatory Item**
 - **No proposed License Conditions**



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Summary

- ☐ **COL Information Items are addressed in FSAR Chapter 8**
- ☐ **No departures**
- ☐ **All site-specific SER Open Items have been addressed**
- ☐ **All RAI responses associated with site-specific confirmatory items were addressed in COLA Revision 2**
- ☐ **No proposed license conditions**



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Acronyms

| | |
|---------------------------------|--|
| <input type="checkbox"/> ACRS | Advisory Committee on Reactor Safeguards |
| <input type="checkbox"/> ASLB | Atomic Safety and Licensing Board |
| <input type="checkbox"/> COL | Combined license |
| <input type="checkbox"/> COLA | COL application |
| <input type="checkbox"/> CPNPP | Comanche Peak Nuclear Power Plant |
| <input type="checkbox"/> DCD | Design control document |
| <input type="checkbox"/> FSAR | Final Safety Analysis Report |
| <input type="checkbox"/> LC | License condition |
| <input type="checkbox"/> OI | Open item |
| <input type="checkbox"/> RAI | Request for Additional Information |
| <input type="checkbox"/> R-COLA | Reference COLA |
| <input type="checkbox"/> SER | Safety Evaluation Report |