

March 2, 2011

Mr. Rafael Flores  
Senior Vice President and  
Chief Nuclear Officer  
Nuclear Engineering and Support  
Luminant Generation Company, LLC.  
P.O. Box 1002  
Glen Rose, TX 76043

SUBJECT: CHANGE TO THE COMANCHE PEAK NUCLEAR POWER PLANT, UNITS 3  
AND 4, COMBINED LICENSE APPLICATION SAFETY REVIEW SCHEDULE

Dear Mr. Flores:

The purpose of this letter is to inform you of a schedule change associated with the U. S. Nuclear Regulatory Commission (NRC) staff's review of the Comanche Peak Nuclear Power Plant (CPNPP), Units 3 and 4, Combined License Application (COLA). This revised schedule supersedes the review schedule provided to you on May 28, 2010, and reflects the recent changes to the NRC staff's review schedule for the United States - Advanced Pressurized Water Reactor (US-APWR) design certification (DC), which is available in the Agencywide Documents Access and Management System (ADAMS) under Accession Number ML110240150. The COLA review schedule closely follows the DC review schedule since the CPNPP, Units 3 and 4, COLA incorporates by reference the US-APWR design.

The CPNPP, Units 3 and 4, COLA review schedule encompasses both the safety and the environmental reviews. The environmental review schedule currently remains unchanged and supports the issuance of a Final Environmental Impact Statement by May 23, 2011. As you are aware, in the design center approach, the NRC is unable to issue the safety evaluation (SE) for the reference COL before the SE for the DC is issued. As a result of the recent changes to the US-APWR DC review schedule, the NRC is unable to complete its safety review on the previously established schedule. Therefore, the schedule for the COLA safety review has been revised, as shown in the enclosure entitled, "Comanche Peak Combined License Application Review Milestones." In addition, the schedule includes a milestone for the COL Mandatory Hearing Process that is consistent with the existing NRC staff guidance.

As you know, by letter dated February 18, 2011, MHI proposed a number of new strategies for expediting the resolution of the remaining technical issues associated with the review of the DC application. MHI also proposed a number of schedule improvements based on the implementation of the new strategies. The NRC staff believes that it would be premature at this time to make any schedule improvements until the proposed strategies are implemented and proven to be effective. However, the NRC staff will monitor the progress of the DC application review using these proposed strategies and will reassess whether the current schedule could be improved in the future. Any future changes to the US-APWR DC review schedule will be considered for their potential impact on the CPNPP, Units 3 and 4, COLA review schedule.

R. Flores

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In addition, Luminant Generation Company, LLC. (Luminant) has requested the NRC staff's approval to adopt Nuclear Energy Institute (NEI) Topical Report 06-09, "Risk Informed Technical Specifications Initiative 4B, Risk Managed Technical Specifications (RMTS) Guidelines, and NEI Topical Report 04-10, "Risk Informed Technical Specifications Initiatives 5B, Risk Informed Method for Control of Surveillance Frequencies." The NRC staff has been working with Luminant to resolve all issues regarding the implementation of RMTS. Because these issues have not yet been resolved, the NRC staff's review of the RMTS could potentially impact the CPNPP, Units 3 and 4, COLA review schedule. The NRC staff will continue working closely with Luminant on its implementation of RMTS.

If you have any questions regarding this matter, please contact Mr. Stephen R. Monarque, Lead Project Manager for the CPNPP, Units 3 and 4, COLA at (301) 415-1544, or via e-mail at [Stephen.Monarque@nrc.gov](mailto:Stephen.Monarque@nrc.gov).

Sincerely,

*/RA/*

David B. Matthews, Director  
Division of New Reactor Licensing  
Office of New Reactors

Docket Nos.: 52-034 and 52-035

Enclosure:  
As stated

cc w/encl: See next page

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Sincerely,

*/RA/*

David B. Matthews, Director  
Division of New Reactor Licensing  
Office of New Reactors

Docket Nos.: 52-034 and 52-035

Enclosure:  
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**NRO-002**

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### Comanche Peak Combined License Application Review Milestones

<b>Safety Review</b>	<b>Completion Date</b>
Phase 1 - Preliminary Safety Evaluation Report (SER) and Requests for Additional Information (RAIs)	Completed
Phase 2 - SER with Open Items	March 2012
Phase 3 - Advisory Committee on Reactor Safeguards (ACRS) Review of SER with Open Items	July 2012
Phase 4 - Advanced SER with No Open Items	December 2012
Phase 5 - ACRS Review of Advanced SER with No Open Items	March 2013
Phase 6 - Final SER	June 2013
Mandatory Hearing Process	November 2013

Enclosure

COL - Comanche Peak Mailing List  
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(Revised 02/15/2011)

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