

## PMComanchePeakPEm Resource

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**From:** Woodlan, Don [Donald.Woodlan@luminant.com]  
**Sent:** Thursday, April 21, 2011 12:03 PM  
**To:** Galvin, Dennis  
**Cc:** Monarque, Stephen; Valentin, Milton; ComanchePeakCOL Resource; nicholas\_kellenberger@mnes-us.com; russell\_bywater@mnes-us.com; Joe Tapia; Conly, John; Evans, Todd  
**Subject:** 2011-04-21 Woodlan, RE: Follow-up on RAI 3.7.3-4  
**Attachments:** image001.gif

Dennis,

I have checked the availability of my team. I would like to propose next Thursday, April 28, 2011, at 11am EDT (10am CDT). We can use the same bridge line (866-857-6769, 2548976887#). Let me know if this does not work.

### Donald R. Woodlan

Manager, Nuclear Regulatory Affairs

**Luminant Power**

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

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**From:** Galvin, Dennis [<mailto:Dennis.Galvin@nrc.gov>]  
**Sent:** Wednesday, April 20, 2011 10:29 AM  
**To:** Woodlan, Don  
**Cc:** Monarque, Stephen; Valentin, Milton; ComanchePeakCOL Resource  
**Subject:** FW: Follow-up on RAI 3.7.3-4

Don,

The staff would like to have a follow-up phone call on this next week.

Thanks,

Dennis Galvin  
Project Manager  
NRC/NRO/DNRL/NMIP  
301-415-6256

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**From:** Galvin, Dennis  
**Sent:** Monday, April 11, 2011 2:51 PM  
**To:** Donald Woodlan  
**Cc:** Monarque, Stephen; ComanchePeakCOL Resource  
**Subject:** FW: Follow-up on RAI 3.7.3-4

Don,

The staff has prepared a summary of the points it raised during the discussion of RAI (Question) 3.7.3-4. Luminant indicated that its path-forward would be to address these points in a revised response to RAI (Question) 3.7.3-4.

Thanks,

Dennis Galvin  
Project Manager  
NRC/NRO/DNRL/NMIP  
301-415-6256

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**From:** Valentin, Milton  
**Sent:** Monday, April 11, 2011 2:38 PM  
**To:** Galvin, Dennis  
**Subject:** Follow-up on RAI 3.7.3-4

Dennis,

Below is the revised list of questions regarding the response to RAI 3.7.3-4.

- Luminant should provide a technical argument justifying why the peak of the base slab ISRS necessarily bounds the peak of the basin wall ISRS
- What are the geometry and configuration of the basin walls being considered, and what is the connection to the geometry and configuration of the base slab being considered? How are the frequencies of the walls and base slab related?
- There are several walls in the UHSRS including external walls and internal walls that separate different rectangular regions. Luminant should identify the walls being considered and describe how the use of the base slab spectrum is conservative for each case.
- It would be very helpful if Luminant were to provide a stronger physical argument for the use of the base slab spectrum.
- It would be very helpful if Luminant were to provide a physical basis for why the use of the base slab spectrum is conservative.
- Where is the base slab ISRS derived?
- What does the 10 Hz peak in the base slab ISRS represent? That is, what is causing the amplification?
- Based on Luminant's statements that the increase in the design force is in the range of 8% and the original design goal was to achieve D/C ratios of less than 0.9, this suggests that current D/C ratios could be close to unity. This warrants a bit more attention and detail.
- Because of the previous observation, it is my opinion that Luminant should include (quantify) this effect in their structural calculations rather than addressing as an after the fact spot check.

*Milton O. Valentin, ME*

Office of New Reactors  
[milton.valentin@nrc.gov](mailto:milton.valentin@nrc.gov)  
301-415-4061



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**Received Date:** 4/21/2011 12:01:28 PM  
**From:** Woodlan, Don

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

**Recipients:**

"Monarque, Stephen" <Stephen.Monarque@nrc.gov>  
Tracking Status: None  
"Valentin, Milton" <Milton.Valentin@nrc.gov>  
Tracking Status: None  
"ComanchePeakCOL Resource" <ComanchePeakCOL.Resource@nrc.gov>  
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  
"Joe Tapia" <tapia\_joseph@mnes-us.com>  
Tracking Status: None  
"Conly, John" <John.Conly@luminant.com>  
Tracking Status: None  
"Evans, Todd" <Eric.Evans@luminant.com>  
Tracking Status: None  
"Galvin, Dennis" <Dennis.Galvin@nrc.gov>  
Tracking Status: None

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