

PMComanchePeakPEm Resource

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

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

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

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
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Subject: 2011-04-21 Woodlan, RE: Follow-up on RAI 3.7.3-4
Sent Date: 4/21/2011 12:02:55 PM
Received Date: 4/21/2011 12:01:28 PM
From: Woodlan, Don

Created By: Donald.Woodlan@luminant.com

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