

## PMComanchePeakPEm Resource

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**From:** Donald.Woodlan@luminant.com  
**Sent:** Friday, June 06, 2008 2:17 PM  
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**Subject:** 2008-06-06 Discussion on TDS during DCWG mtg 7-1-08

Steve,

One of the items discussed at the C3 visit was the Total Dissolved Solids (TDS) of Lake Granbury. TDS is a problem all along the Brazos River Basin (due in part to the fact that the head waters for the basin are in a salt bed). EPA is even considering designating Lake Granbury as a body of water of concern.

As you probably remember, CPNPP will draw from Lake Granbury for makeup to our cooling tower system. Similarly, the blow down from the system will be returned to the lake. We expect that the state will set some limits regarding TDS on our blow down release to the Lake. This will likely require some processing of the blow down stream to reduce TDS. Because this is a somewhat emergent issue and because we do not know what restrictions the state will impose, the design for the blow down processing system and the system flows have not yet been determined. Although the environmental footprint of this system is expected to be small, the design and its impact will be an open item in the environmental review until we provide the final design and its impacts in the ER and FSAR.

My summary above is very high level and may not be 100% accurate (I am a licensing guy and not a system or environmental engineer). The summary is to explain why we feel the topic should be discussed in more detail during the upcoming DCWG meeting. We already have Water Rights on the agenda and I thought we would expand that topic to include TDS.

I hope this heads-up is useful to you. Michael Willingham will be contacting you as well (I believe) with a recommendation regarding which parts of the NRC staff should be invited to attend.

Feel free to contact me if you have any questions.

Below is what I have for a potential agenda for the meeting. We can discuss more next week. I believe these are the topics we had discussed previously. We can rearrange the order if appropriate.

- Introductions and Opening Remarks**
- Risk-Informed/Performance Based Tech Specs**
- Water Rights and Emergent TDS Challenge**
- Plant Owners, Operators and Financial Qualifications**
- IST Program Description**
- Plant Specific ITAAC**
- Security**
- Summary and Closing**

*Don*

Donald R. Woodlan

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