From: McDonald, Jeffrey
To: "Gilmore, Tyler J"
Cc: Greenhagen, Andrew
Bcc: Bayer, MaryRose; McAuliffe, Mary; Krueger, Thomas
Subject: RE: Quick Answer
Date: Friday, January 31, 2014 4:25:00 PM

Tyler,

Thanks. Like I mentioned, we know that's been an issue that has come up through the years and I wasn't certain how FGA was intending to address it. To memorialize the other topics:

- We've been discussing at EPA the financial responsibility issues related to these applications. We have an internal call Tuesday morning on this issue and I'll call you afterwards with hopefully some resolutions to the issues previously discussed.
- Once we add the information from the spreadsheet you recently sent us with Testing & Monitoring and PISC information into the draft T&E and PISC plans, we will give those draft plans to you for your review.
- I sent a marked up Plugging & Abandonment plan to you today (via email) showing where some changes are needed. One is to reflect the decision to have the holes cased through the injection zone (the plans currently state open-hole). The other is just some small changes in the form that will make them consistent with how we use them in our program.
- You told me that you ran the critical pressure calculations using the newer methods from LBNL. The results are slightly different from what was previously submitted and that you will send that to us today or maybe Monday.

Thanks again and have a good weekend,

Jeff

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From: Gilmore, Tyler J [mailto:Tyler.Gilmore@pnnl.gov]
Sent: Friday, January 31, 2014 3:28 PM
To: McDonald, Jeffrey
Cc: Greenhagen, Andrew
Subject: Quick Answer

Jeff,

I wanted to followup with a quick answer to your question this morning on our annular pressurization system. The system is designed to maintain in the annulus a pressure that is at least 100 psi greater than the pressure inside the injection

tubing. The 100psi differential will be maintained over the entire depth of the injection well, from the well head to the injection interval. We'll pull together additional information for you that provides our planned operational pressure ranges as well as a predicted pressure gradient both inside the injection tubing and within the annulus for comparison.

I hope this quick answer addresses your immediate needs.
Thanks
Tyler