

**From:** [Hauer, Lance M \(GE Corporate\)](#)  
**To:** [Smith, James](#)  
**Cc:** [Davis, Melanie](#); [Blickwedel, Roy \(GE Corporate\)](#); [Arlt, Hans](#); [Guo, Lifeng](#); [Cheng, Yuan](#); ["Stephen Dwyer"](#); [Waldron, Ashley](#); [Roman-Cuevas, Cinthya](#); [Pineda, Christine](#)  
**Subject:** [External\_Sender] RE: EXT: Fwd: UNC Church Rock: Figures in the Geohydrologic Report by Canonie Environmental (1987), and Table 2 and Table 3 in the "Consolidation and Groundwater Evaluation Report", prepared by Dwyer Engineering, LLC (July 2018)  
**Date:** Tuesday, January 28, 2020 10:11:03 AM  
**Attachments:** [Form 313 - Project Manager Change signed.pdf](#)

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Hi Jim,

I'm looking forward to meeting you and working together. I had worked on the UNC NECR mine project during the investigation and remedy planning process and have some knowledge of the mill site. While I have big shoes to fill, I hope to be able to step in for Roy quickly and keep efforts on track.

I've checked our team's availability over the next two weeks and below are some options for a call. If possible, we prefer having the call on February 7<sup>th</sup>.

- Thursday, January 30<sup>th</sup> between 1:30 pm and 3pm Mountain Time (MT)
- Friday, January 31<sup>st</sup> between 8 am and 1 pm MT
- Thursday, February 6<sup>th</sup> between 8 am and 10 am MT and between 1:30pm and 3 pm MT
- Friday, February 7<sup>th</sup> between 8 am and 2 pm MT.

Finally, I've attached NRC form 313 documenting the change in project manager from Roy to me, which I'll mail in hardcopy as well.

Best regards,  
Lance

**Lance Hauer, P.E.**  
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**From:** Smith, James <James.Smith@nrc.gov>  
**Sent:** Thursday, January 23, 2020 11:18 AM  
**To:** Hauer, Lance M (GE Corporate) <lance.hauer@ge.com>  
**Cc:** Davis, Melanie <melanie.davis@stantec.com>; Blickwedel, Roy (GE Corporate)

<Roy.Blickwedel@ge.com>; Arlt, Hans <Hans.Arlt@nrc.gov>; Guo, Lifeng <Lifeng.Guo@nrc.gov>; Cheng, Yuan <Yuan.Cheng@nrc.gov>; 'Stephen Dwyer' <dwyerengineering@yahoo.com>; Waldron, Ashley <Ashley.Waldron@nrc.gov>; Roman-Cuevas, Cinthya <Cinthya.Roman-Cuevas@nrc.gov>; Pineda, Christine <Christine.Pineda@nrc.gov>

**Subject:** RE: EXT: Fwd: UNC Church Rock: Figures in the Geohydrologic Report by Canonie Environmental (1987), and Table 2 and Table 3 in the "Consolidation and Groundwater Evaluation Report", prepared by Dwyer Engineering, LLC (July 2018)

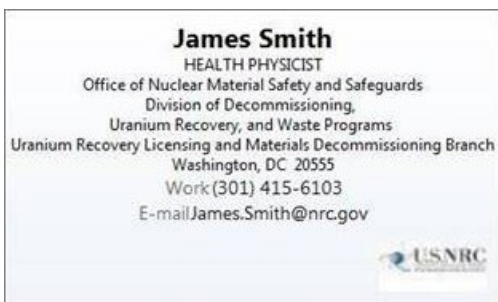
Hi Lance-

I don't think we have met. I am the Project Manager for the UNC Church Rock license amendment request to move the mine spoils to the tailings impoundment.

The attached three emails requested clarification from GE on some previously provided responses to RAIs. We'd like to have a call in the next two weeks to discuss the issues to see whether we are just missing the forest for the trees in the responses, or whether there is a need for GE to provide an addendum to the responses. Can you give us a few dates and times for teleconference that will work with for you and your contractors?

Thanks

Jim



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**From:** Blickwedel, Roy (GE Corporate) <[Roy.Blickwedel@ge.com](mailto:Roy.Blickwedel@ge.com)>

**Sent:** Thursday, January 23, 2020 11:05 AM

**To:** Smith, James <[James.Smith@nrc.gov](mailto:James.Smith@nrc.gov)>

**Cc:** Hauer, Lance M (GE Corporate) <[lance.hauer@ge.com](mailto:lance.hauer@ge.com)>; Davis, Melanie <[melanie.davis@stantec.com](mailto:melanie.davis@stantec.com)>

**Subject:** [External\_Sender] EXT: Fwd: UNC Church Rock: Figures in the Geohydrologic Report by Canonie Environmental (1987), and Table 2 and Table 3 in the "Consolidation and Groundwater Evaluation Report", prepared by Dwyer Engineering, LLC (July 2018)

Hi Jim,

Yes thanks. Feeling much better.

So for the past month we have been transitioning my projects to Lance Hauer pending my retirement. He has essentially taken over all of the UNC projects including Church Rock and NECR. He is very familiar with NECR; not sure if you both overlapped at all previously or not. I copied him on this. Probably best for him to pick it up from here due to the short time left.

It has been a great pleasure working with you Jim, and with the Commission in general for the past 21 years!

All the best,  
Roy

**iFrom:** Smith, James <[James.Smith@nrc.gov](mailto:James.Smith@nrc.gov)>

**Sent:** Thursday, January 23, 2020 9:42 AM

**To:** Blickwedel, Roy (GE Corporate) <[Roy.Blickwedel@ge.com](mailto:Roy.Blickwedel@ge.com)>

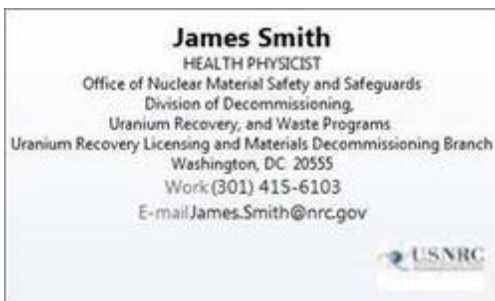
**Subject:** RE: Re: EXT: Fwd: UNC Church Rock: Figures in the Geohydrologic Report by Canonie Environmental (1987), and Table 2 and Table 3 in the "Consolidation and Groundwater Evaluation Report", prepared by Dwyer Engineering, LLC (July 2018)

Hey Roy-

Are you doing any better? Any chance we could have that call next week?

Thanks,

Jim



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**From:** Blickwedel, Roy (GE Corporate) <[Roy.Blickwedel@ge.com](mailto:Roy.Blickwedel@ge.com)>

**Sent:** Wednesday, January 15, 2020 9:13 AM

**To:** Smith, James <[James.Smith@nrc.gov](mailto:James.Smith@nrc.gov)>

**Cc:** Davis, Melanie <[melanie.davis@stantec.com](mailto:melanie.davis@stantec.com)>; Arlt, Hans <[Hans.Arlt@nrc.gov](mailto:Hans.Arlt@nrc.gov)>; Guo, Lifeng <[Lifeng.Guo@nrc.gov](mailto:Lifeng.Guo@nrc.gov)>

**Subject:** [External\_Sender] Re: EXT: Fwd: UNC Church Rock: Figures in the Geohydrologic Report by Canonie Environmental (1987), and Table 2 and Table 3 in the "Consolidation and Groundwater Evaluation Report", prepared by Dwyer Engineering, LLC (July 2018)

Hi Jim,

Sorry for delays in responding. Been sick the past couple days. Should be back on my feet soon.

Thanks for your patience.

Roy

Sent from my iPhone

On Jan 15, 2020, at 08:49, Smith, James <[James.Smith@nrc.gov](mailto:James.Smith@nrc.gov)> wrote:

Hey Roy

Can you add this to the list of discussion items for the pending clarification teleconference?

Thanks

Jim

Begin Forwarded Message:

**From:** "Guo, Lifeng" <[Lifeng.Guo@nrc.gov](mailto:Lifeng.Guo@nrc.gov)>

**Subject:** UNC Church Rock: Figures in the Geohydrologic Report by Canonie Environmental (1987), and Table 2 and Table 3 in the "Consolidation and Groundwater Evaluation Report", prepared by Dwyer Engineering, LLC (July 2018)

**Date:** 14 January 2020 17:26

**To:** "Smith, James" <[James.Smith@nrc.gov](mailto:James.Smith@nrc.gov)>

**Cc:** "Arlt, Hans" <[Hans.Arlt@nrc.gov](mailto:Hans.Arlt@nrc.gov)>

Hi Jim,

I contacted Roy in early December of last year regarding some figures in the Canonie report (1987). I'm still waiting for the report from him (see below).

In addition, I need some clarification regarding Table 2 and Table 3 in the "Consolidation and Groundwater Evaluation Report", prepared by Dwyer Engineering, LLC (July 2018). Specifically, are there any water, how much if there is moving down from the bottom fine-grained tailing layer into the underlying alluvium in both soil profile B8 and B10 for the consolidation calculation?

I did not realize that you already sent other questions to Roy

yesterday. Could you please forward this email to Roy.

Thanks much,

Lifeng

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**From:** Blickwedel, Roy (GE Corporate) <[Roy.Blickwedel@ge.com](mailto:Roy.Blickwedel@ge.com)>  
**Sent:** Wednesday, December 04, 2019 7:28 AM  
**To:** Guo, Lifeng <[Lifeng.Guo@nrc.gov](mailto:Lifeng.Guo@nrc.gov)>  
**Subject:** [External\_Sender] RE: Figures in the Geohydrologic Report by Canonie Environmental (1987)

Hi Lifeng,

Nice to hear from you. I will check for a pdf version of the Canonie Report. I have been through several office moves since I last knew where it was on disk so it may not bear fruit. Give me a week to see what I can do.

Roy

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**From:** Guo, Lifeng <[Lifeng.Guo@nrc.gov](mailto:Lifeng.Guo@nrc.gov)>  
**Sent:** Tuesday, December 3, 2019 3:30 PM  
**To:** Blickwedel, Roy (GE Corporate) <[Roy.Blickwedel@ge.com](mailto:Roy.Blickwedel@ge.com)>  
**Subject:** EXT: Figures in the Geohydrologic Report by Canonie Environmental (1987)

Hi Roy,

It has been quite a while since we last spoke, and I hope all is well with you.

I has some trouble reading some of the figures in the digital version of the Canonie report; it was poorly produced. I was wondering if you have a pdf of the report. I previously had a hard copy of the report you sent earlier and did not keep it during last move of office as I was pulled out of the project.

Please let me know and thanks,

Lifeng

Lifeng Guo, PhD, PG  
Hydrogeologist  
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