

## Schaperow, Jason

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**From:** Schaperow, Jason  
**Sent:** Monday, January 03, 2011 4:02 PM  
**To:** 'Gauntt, Randall O'  
**Subject:** RE: SOARCA November MLSR (JCN N6306)

You have a good point.

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**From:** Gauntt, Randall O [mailto:rogaunt@sandia.gov]  
**Sent:** Monday, January 03, 2011 3:49 PM  
**To:** McClellan, Yvonne; Schaperow, Jason  
**Cc:** Chang, Richard; Tinkler, Charles; Ghosh, Tina; Burns, Shawn  
**Subject:** RE: SOARCA November MLSR (JCN N6306)

I appreciate all the good communication that's going on here. Just one point I would like to raise. I am concerned about deferring too long the uncertainty analysis work if we are not excused from a calendar date for completion. I don't know that this is a problem, and I agree that we need to put the proper focus and attention to the uncertainty quantification task, and that it may be difficult to properly focus our intellects on uncertainty at this point – but, I am also concerned that we don't find ourselves in trouble on schedule when the current due date for the uncertainty quantification deliverables come due. I am shooting from the hip here, so apologize if this is a non-issue at this point.

Randy

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**From:** McClellan, Yvonne  
**Sent:** Monday, January 03, 2011 1:15 PM  
**To:** Schaperow, Jason  
**Cc:** Chang, Richard; Tinkler, Charles; Gauntt, Randall O; Ghosh, Tina; Burns, Shawn  
**Subject:** RE: SOARCA November MLSR (JCN N6306)

Jason,

I will check on what was done in November and get back to you.

I understand your concerns and agree. I will also follow-up with the SNL staff and make sure they understand where our focus needs to be on this project. I hope this will address your concerns.

Thank you for the email.

Regards,  
Yvonne

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**From:** Schaperow, Jason [Jason.Schaperow@nrc.gov]  
**Sent:** Monday, January 03, 2011 12:58 PM  
**To:** McClellan, Yvonne  
**Cc:** Chang, Richard; Tinkler, Charles; Gauntt, Randall O; Ghosh, Tina  
**Subject:** RE: SOARCA November MLSR (JCN N6306)

Hi Yvonne,

Thanks for the email below. Sorry to hear you are not feeling well today. Hope you feel better really soon.

Based on your response below, it appears that Sandia staff effort in November (after October peer review committee meeting) on the uncertainty analysis cost about \$37K. \$18K of this was charged under Task 8 and \$19K was charged under Task 10. Is this correct? The concern I am raising is that the uncertainty analysis

effort is eating up a lot of SOARCA funding, and we instead really need to be focusing our time and funding on finishing the baseline analysis and documenting it in Appendices A and B.

Thanks again,  
Jason

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**From:** McClellan, Yvonne [mailto:ymcclel@sandia.gov]  
**Sent:** Thursday, December 23, 2010 7:19 PM  
**To:** Schaperow, Jason; Chang, Richard; Tinkler, Charles  
**Cc:** Gauntt, Randall O; Burns, Shawn; McClellan, Yvonne  
**Subject:** Re: SOARCA November MLSR (JCN N6306)

Richard, Charlie, and Jason,

In answer to Richard's questions:

1. Yes, 220K was received by SNL after the November MLSR and is now spendable;2. Yes, 33K went to PRC invoices and 18K went to direct labor and 3K went to travel;3. I am in the process of evaluating all of the information streams from the peer review committee including the documentation comments that were resolved in February, 2010, the draft committee reports and unresolved issues, and, most recently, the committees comments on the uncertainty quantification. I had an extensive conversation with Jason and Charlie this morning regarding this issue and we have identified a path forward. So there is nothing for NRC staff to review right now but there will be a response to the peer review committee that I will put together in January that will need your review.4. This was work that Nate did in response to requests from Jason and Charlie. Similar charges will appear in the December MLSR.5. As of December 17, 2010, the total costs for the SOARCA project were \$6,910.9k. By my calculation that leaves approximately \$129k of the FY10 carryover unspent. With monthly project costs averaging \$106k per month since October, 2010 I believe the FY10 carryover will be spent by the end of February, 2011.

On another issue, Jason left me a voice mail regarding the November, 2010 MLSR which we just sent out. If I understand his message correctly he thought the uncertainty quantification effort costs (Task 9 and 10) were \$75k in November and he wanted a more detailed cost breakdown. I am a bit confused by his message since the uncertainty analysis costs for November were \$19.4k (\$0k Task 9, \$19.4k Task 10). Perhaps I don't understand Jason's question but that is the best response I have right now.

Yvonne

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**From:** Schaperow, Jason [mailto:Jason.Schaperow@nrc.gov]  
**Sent:** Thursday, December 23, 2010 01:23 PM  
**To:** McClellan, Yvonne  
**Cc:** Tinkler, Charles <Charles.Tinkler@nrc.gov>  
**Subject:** RE: SOARCA November MLSR (JCN N6306)

Thanks. By the way, I plan to be on vacation next week.

Also, thanks for working on the peer review comments. I particularly like your idea of sending a letter to the peer review committee in the near future (e.g., late January or early February) explaining how we are resolving their comments in their letters of April 2010 and December 2010 on the baseline analysis.

Jason

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**From:** McClellan, Yvonne [mailto:ymcclel@sandia.gov]  
**Sent:** Thursday, December 23, 2010 1:33 PM  
**To:** Schaperow, Jason  
**Cc:** Chang, Richard; Tinkler, Charles; Ghosh, Tina; Santiago, Patricia  
**Subject:** Re: SOARCA November MLSR (JCN N6306)

Jason,

Working on your question and will have an answer shortly.

Yvonne

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**From:** Schaperow, Jason [mailto:Jason.Schaperow@nrc.gov]  
**Sent:** Thursday, December 23, 2010 06:40 AM  
**To:** McClellan, Yvonne  
**Cc:** Chang, Richard <Richard.Chang@nrc.gov>; Tinkler, Charles <Charles.Tinkler@nrc.gov>; Ghosh, Tina <Tina.Ghosh@nrc.gov>; Santiago, Patricia <Patricia.Santiago@nrc.gov>  
**Subject:** RE: SOARCA November MLSR (JCN N6306)

Hi Yvonne,

The November MLSR shows about \$75K expended on the Uncertainty Analysis. The text in the MLSR indicates that this was all expended by Sandia staff. That would correspond to more than 2 SNL staff working full time in November on the Uncertainty Analysis. That seems to me to be excessive given that, we had the peer review meeting in October, and in November, we were waiting for the peer review reports. I need to know approximately how much of that \$75K went to the peer reviewers, if any. Did half go to the peer reviewers? Could you get me this information by 11:00 a.m. EST, as we have a weekly SOARCA status meeting with our senior management at that time?

Thanks,  
Jason

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**From:** Burns, Shawn [mailto:spburns@sandia.gov]  
**Sent:** Wednesday, December 22, 2010 1:14 AM  
**To:** Chang, Richard  
**Cc:** RESDSAMLSR Resource; Bowlin, Elizabeth; Gauntt, Randall O; Hannigan, Sarah; Uhle, Jennifer; Schaperow, Jason; Lineback, Minerva Dolores; McClellan, Yvonne  
**Subject:** SOARCA November MLSR (JCN N6306)

Richard,

Attached is the November, 2010 Monthly Letter Status Report (MLSR) for the State-of-the-Art Reactor Consequence Analyses (SOARCA) project (JCN N6306). As we have discussed we are in the process of transitioning the Sandia Principal Investigator responsibilities from me to Yvonne McClellan. This will ensure complete and timely project management response for the SOARCA project as it enters the final stages. This transition will be executed over the next few months but from this point forward Yvonne will be managing the preparation and delivery of the SOARCA MLSRs.

If you have any questions regarding the November MLSR please contact Yvonne directly.

Best regards,

