

**Chang, Richard**

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**From:** Chang, Richard  
**Sent:** Tuesday, October 12, 2010 9:00 AM  
**To:** Burns, Shawn  
**Subject:** RE: SOARCA IOU 3 of 3

Shawn,

I will try to keep this list to as small of group as possible...but for me to act on this I do need to discuss a few items at the very least with Jimi and Jason. I appreciate your effort on this.

Regards,  
Richard

**From:** Burns, Shawn [<mailto:spburns@sandia.gov>]  
**Sent:** Saturday, October 09, 2010 2:22 AM  
**To:** Chang, Richard  
**Cc:** Gauntt, Randall O  
**Subject:** SOARCA IOU 3 of 3

Richard,

Attached is my semi-weekly status report on SOARCA. After some consideration and discussions with others I have become more pessimistic regarding the current schedule (release to NRC offices for concurrence in December, public release in January). You will see this pessimism reflected in the attached status report. As I mentioned on the phone, I believe we (the NRC/SNL team) can still provide a creditable product for public release if our focus shifts entirely to comment resolution and documentation of current results, and away from continued analysis of technical issues.

To help make this concrete, I have prepared the following list of "schedule killers" which in my view will completely deny us the ability to provide a publically releasable document to the public in January. I apologize if I am blunt in the following list but I appreciate that you are not in a position to tolerate undue prevarication. I would also appreciate your discretion in forwarding this list as it was prepared primarily for consumption by yourself and Randy (cc'd here).

1. Continued analysis of the PB SRV issue. The results provided in mid September must be acceptable in order to maintain the current schedule. We still need to conduct off-site consequence analyses and develop final documentation. As I mentioned on the phone, this will take until November 5 as it is given Mark Leonard's availability.
2. Revising the Surry ISLOCA calculation based on licensee fact check comments. This will be a fundamentally new calculation and we are still waiting on feedback from the licensee. We cannot possibly update this calculation and document the results by the end of October at this point.
3. Additional analysis of the Surry short term station blackout scenario based on fact check comments. As with the PB SRV issue we have completed a number of additional calculations and submitted the results to NRC staff. We should be able to document these results in Appendix B but we cannot produce additional simulations and document the results by the end of October.

I will be tied up in meetings much of next week but I may be able to break free from time to time to touch base with you. I will be working from home on Friday, October 15 to complete the main document.

Best regards,

Shawn

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