Chang, Richard

From:

Chang, Richard

Sent:

Wednesday, October 20, 2010 8:18 AM

To:

Yerokun, Jimi

Subject:

RE: SOARCA UA Plan

Thanks.

From: Yerokun, Jimi

Sent: Wednesday, October 20, 2010 8:10 AM

To: Chang, Richard

Subject: FW: SOARCA UA Plan

You should have been copied on this as well. Nevertheless, please unsure that the draft plan is posted on our SharePoint site. We'll let team members know when it is available.

Jimi T. Yerokun

From: Mattie, Patrick D [mailto:pdmatti@sandia.gov]

Sent: Tuesday, October 19, 2010 8:02 PM

To: Ghosh, Tina; 'Karen Vierow'

Cc: Schaperow, Jason; Yerokun, Jimi; Burns, Shawn

Subject: SOARCA UA Plan

Karen,

Attached is the latest draft of the SOARCA UA Plan, as amended per NRC's request. Let me know if it doesn't come through ok.

Patrick

Patrick Mattie, PMTS
Reactor Modeling & Analysis
Nuclear Energy & Global Security Technologies
Sandia National Laboratories
(505)284-4796 / pdmatti@sandia.gov

From: Ghosh, Tina [mailto:Tina.Ghosh@nrc.gov]
Sent: Tuesday, October 19, 2010 1:59 PM

To: 'Karen Vierow'

Cc: Mattie, Patrick D; Schaperow, Jason; Yerokun, Jimi

Subject: RE: SOARCA uncertainty quantification reading materials

Hi Karen.

I have attached for you and the other committee members:

(1) Draft agenda for next week's meeting (let me know if you have any feedback or questions)

Information in this record was deleted in accordance with the Freedom of Information

Act, exemptions <u>Ex. 6</u>
FUIA- <u>2011-0083</u>

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FF/22

(2) Draft NUREG/CR report on non-site specific parameter distributions for use with the MACCS2 code. Please note this is for the committee members only (not for general distribution); it has not yet been finalized and published.

Patrick Mattie will be sending you the updated draft Uncertainty Analysis Plan soon.

You will see on the agenda that on Tuesday we are meeting at the Church Street building where the NRC Office of Research is located (I believe you met here last time too). It is just 2 metro stops from the Marriott at the White Flint metro stop where you have your hotel reservations. On Wednesday, I have reserved a room in NRC's One White Flint building, which is just across the street from the Marriott. Our understanding is that Wednesday morning committee members will meet among yourselves. Questions for you:

- (1) Is it OK for SOARCA team members to observe your meeting on Wednesday?
- (2) Are there particular SOARCA team members you would like to have available/on-call for Wednesday's

Note that the committee members will need an escort, so at a minimum on Wednesday someone will be just outside the meeting room.

Thanks, and looking forward to next week's meeting,

From: Karen Vierow

Sent: Monday, October 18, 2010 4:43 PM

To: Ghosh, Tina

Subject: RE: SOARCA uncertainty quantification reading materials

Hi Tina.

Thanks for your responsiveness.

I have not heard from Bruce or Bernard yet. I assume we don't need to make any arrangement for them.

Karen

Dr. Karen Vierow **Associate Professor** Department of Nuclear Engineering Texas A&M University 129 Zachry Engineering Center, 3133 TAMU College Station, TX 77843-3133 USA

Tel.: 979-458-0600 Fax.: 979-845-6443

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EX6

From: Ghosh, Tina [mailto:Tina.Ghosh@nrc.gov] Sent: Monday, October 18, 2010 2:48 PM

To: Karen Vierow

Cc: pdmatti@sandia.gov

Subject: RE: SOARCA uncertainty quantification reading materials

Hi Karen,

We will send you the revised draft uncertainty analysis plan tomorrow (probably late tomorrow). Tomorrow we will also send you an agenda for the meeting, and a draft NUREG/CR report that forms the basis for the distributions of non-site-specific parameters in MACCS2 proposed to be used in the UA, that the committee members might find useful as background information.

Glad to hear everyone has their hotel reservations. I assume we are still expecting the 9 from out of town. Did Bruce Mrowca indicate whether he would attend? Also FYI, we still have time to set up a VTC connection for Bernard Clement if he is interested, just let me know if you hear from him.

Thanks, Tina

From: Karen Vierow/(b)(6)

Sent: Monday, October 18, 2010 10:39 AM

To: Ghosh, Tina

Cc: pdmatti@sandia.gov

Subject: SOARCA uncertainty quantification reading materials

Hi Tina.

All of the SOARCA peer reviewers have our hotel reservations. Thanks again for making them.

Could we receive the revised uncertainty quantification white paper for pre-meeting study?

66

Thank you,

Karen

Dr. Karen Vierow **Associate Professor** Department of Nuclear Engineering Texas A&M University 129 Zachry Engineering Center, 3133 TAMU College Station, TX 77843-3133

USA

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From: Ghosh, Tina [mailto:Tina.Ghosh@nrc.gov] Sent: Thursday, September 30, 2010 3:41 PM

To: Karen Vierow Cc: Mattie, Patrick D

Subject: RE: suggested dates for SOARCA meeting: between Oct. 26-28

Hi Karen,

The week of Oct. 25 looks great for us too, and we should be able to confirm the specific dates on our side by Monday (we can do it tomorrow if absolutely necessary – let me know). Hopefully that will not be too late to lock in the peer reviewers' schedules.

We plan to send you a revised uncertainty analysis plan/white paper at least one week in advance of the peer review meeting.

Looking forward to working with you!

Thanks, Tina

S. Tina Ghosh, Ph.D.
Senior Program Manager
Division of Systems Analysis
Office of Nuclear Regulatory Research
U.S. Nuclear Regulatory Commission

Mail Stop: C-3A07M Washington, DC 20555 Phone: 301-251-7984

From: Karen Vierow (b)(

Sent: Thursday, September 30, 2010 3:39 PM

To: Ghosh, Tina; 'Burns, Shawn'

Cc: Mattie, Patrick D

Subject: RE: suggested dates for SOARCA meeting: between Oct. 26-28

Hi Tina,

Per Shawn's email of a few minutes ago, I am contacting you directly on confirming dates for the next SOARCA meeting with the peer reviewers. I look forward to working with you.

We have a favorable peer reviewer response for the week of Oct. 25. If our dates work for your people, please let me know at your earliest convenience and I will lock them in on our side. I have had experience with reviewers availabilities changing due to insufficient advance notice. If you could help by giving us as much notice as possible, we will have a good turnout for you.

Thanks! Feel free to contact me whenever,

Karen

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USA

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(b)(6)

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From: Ghosh, Tina [mailto:Tina.Ghosh@nrc.gov]
Sent: Thursday, September 30, 2010 2:31 PM

To: 'Burns, Shawn'

Cc: Karen Vierow; Mattie, Patrick D

Subject: RE: suggested dates for SOARCA meeting: between Oct. 26-28

Thanks, that is good news!

Tina

S. Tina Ghosh, Ph.D.
Senior Program Manager
Division of Systems Analysis
Office of Nuclear Regulatory Research
U.S. Nuclear Regulatory Commission
Mail Stop: C-3A07M

Washington, DC 20555 Phone: 301-251-7984

From: Burns, Shawn [mailto:spburns@sandia.gov]
Sent: Thursday, September 30, 2010 3:26 PM

To: Ghosh, Tina

Cc: 'Karen Vierow'; Mattie, Patrick D

Subject: FW: suggested dates for SOARCA meeting: between Oct. 26-28

Tina,

Sorry. Karen sent me the attached on Tuesday.

Best regards,

Shawn

(D)

From: Karen Vierow

Sent: Tuesday, September 28, 2010 1:00 PM

To: Burns, Shawn

Subject: suggested dates for SOARCA meeting: between Oct. 26-28

Hi Shawn,

Suggested meeting dates:

The week of Oct. 25 looks excellent for a SOARCA meeting. Ideally, it would be Oct. 26 followed by a half day on Oct. 27 for committee discussions OR Oct. 27 followed by a half day on Oct. 28 for committee discussions. As in the attachment,

I have confirmed that everyone is available except the two I have yet to get ahold of. I have a phone message in to Bruce and a follow-up email in to Bernard.

Please go ahead and confirm with the NRC. I don't think we will find a better opportunity than these dates.

Our requests:

- We would like a one-day meeting with the SOARCA team to go over the Uncertainty Quantification (UQ) effort.
 This would be followed by a half-day meeting for the committee to discuss amongst ourselves.
- During the first day, we request a discussion and/or presentation on how the June ACRS meeting went and how our comments have been reflected in the SOARCA effort.
- We would like to receive reading material ahead of time about the UQ methodology. I understand the team at SNL submitted a white paper on the UQ effort to the NRC in August. I request that we be sent this, after it is modified per NRC review.

Remaining contract issues that I know of:

Bob Henry: has no funding to travel to DC.

John Stevenson: he says he thinks his contract has already expired and he needs additional funding for remaining work. He contacted you about this earlier but has not seen any contract revisions.

Kevin O'Kula: quoting from a Sept. 24 email:

"...the only action needed contractually is extending the period of performance to 30 November 2010. Currently, it is 31 October 2010. It looks like \$8k still remains, so I should be okay with a few days homework ahead of time, travel + 1-day meeting, and a day or two on the back side for final comments and related actions."

Me: I would need funding to DC.

Thanks,

Karen

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EXG