

Franovich, Mike

From: Franovich, Mike - *COM*
Sent: Monday, February 07, 2011 8:25 AM
To: Ostendorff, William
Cc: Nieh, Ho; Warnick, Greg
Subject: AWARENESS: Request for TA Briefing - Periodic SOARCA Status Update

FYI: I mentioned last week that the SOARCA project has some emergent issues. A number of "120" early fatalities has circulated up here on 18. I will find out more but my sense is any number above zero for acute radiation syndrome effects would be suspect. Chernobyl had fewer than 120 (I believe 31 was the official number) and not all were ARS related. Some of the ARS related fatalities were due to hero measures such as hurling pieces (by hand) of fuel and graphite back into the crater left from the explosion.

From: Bowman, Gregory
Sent: Monday, February 07, 2011 7:25 AM
To: Franovich, Mike
Subject: RE: Request for TA Briefing - Periodic SOARCA Status Update

We're working on moving the SOARCA TA briefing up from what RES had previously proposed, in part because we want to discuss some of the recent developments with the project farther in advance of the RIC. I can give you a little more detail if you want, but one of the areas RES will cover with you is the possible increase in early fatalities. RES also intends to go over their RIC presentation at the TA briefing, so you won't be surprised by anything.

If you need any additional information before the TA briefing, please give me a call.

From: Franovich, Mike
Sent: Thursday, February 03, 2011 10:53 AM
To: Bowman, Gregory
Subject: RE: Request for TA Briefing - Periodic SOARCA Status Update

Greg, thanks for the status update. I had heard unconfirmed information that RES was now suggesting that there is some increase to the estimated hypothetical number of fatalities (early or late?) from some of the SOARCA assessed scenarios. If true, this would be a change from previous results that our office would like to know about well before the staff publishes the SOARCA report for public comment.

From: Bowman, Gregory
Sent: Wednesday, February 02, 2011 9:14 AM
To: Franovich, Mike
Subject: RE: Request for TA Briefing - Periodic SOARCA Status Update

I know I still owe you an update on SOARCA. Mike and Brian are scheduled to meet tomorrow to discuss status, and I was planning on either giving you a call after that or getting you in touch with Brian.

I figured I'd let you know where things are, so you didn't think I'd forgotten.

From: Franovich, Mike
Sent: Tuesday, February 01, 2011 5:35 PM
To: Hart, Ken; Bovol, Rochelle; Castleman, Patrick; Hipschman, Thomas; Batkin, Joshua; Klett, Audrey; Laufer, Richard; Marshall, Michael; Orders, William; Sharkey, Jeffry; Shea, Pamela; Snodderly, Michael; Thoma, John; Vietti-Cook,

Annette; Warnick, Greg

Cc: Adler, James; Batkin, Joshua; Blake, Kathleen; Bozin, Sunny; Bubar, Patrice; Burns, Stephen; Chairman Temp; Clark, Lisa; Crawford, Carrie; Davis, Roger; Dhir, Neha; Doane, Margaret; Droggitis, Spiros; EDO_ETAs; Fopma, Melody; Gibbs, Catina; Greathead, Nancy; Harves, Carolyn; Hayden, Elizabeth; Henderson, Karen; Herr, Linda; Hudson, Sharon; Jimenez, Patricia; Joosten, Sandy; KLS Temp; Kreuter, Jane; Lepre, Janet; Lewis, Antoinette; Loyd, Susan; Monninger, John; Montes, David; Moore, Scott; Nieh, Ho; Olive, Karen; Pace, Patti; Poole, Brooke; Reddick, Darani; Rothschild, Trip; Savoy, Carmel; Sosa, Belkys; Speiser, Herald; Svinicki, Kristine; Temp, GEA; Temp, WCO; Temp, WDM; Warren, Roberta; Wright, Darlene

Subject: RE: Request for TA Briefing - Periodic SOARCA Status Update

Commissioner Ostendorff's office can support the proposed times on Wednesday (3/2).

Thanks,

Mike

From: Hart, Ken

Sent: Tuesday, February 01, 2011 1:42 PM

To: Baval, Rochelle; Castleman, Patrick; Franovich, Mike; Hart, Ken; Hipschman, Thomas; Batkin, Joshua; Klett, Audrey; Laufer, Richard; Marshall, Michael; Orders, William; Sharkey, Jeffrey; Shea, Pamela; Snodderly, Michael; Thoma, John; Vietti-Cook, Annette; Warnick, Greg

Cc: Adler, James; Batkin, Joshua; Blake, Kathleen; Bozin, Sunny; Bubar, Patrice; Burns, Stephen; Chairman Temp; Clark, Lisa; Crawford, Carrie; Davis, Roger; Dhir, Neha; Doane, Margaret; Droggitis, Spiros; EDO_ETAs; Fopma, Melody; Gibbs, Catina; Greathead, Nancy; Harves, Carolyn; Hayden, Elizabeth; Henderson, Karen; Herr, Linda; Hudson, Sharon; Jimenez, Patricia; Joosten, Sandy; KLS Temp; Kreuter, Jane; Lepre, Janet; Lewis, Antoinette; Loyd, Susan; Monninger, John; Montes, David; Moore, Scott; Nieh, Ho; Olive, Karen; Pace, Patti; Poole, Brooke; Reddick, Darani; Rothschild, Trip; Savoy, Carmel; Sosa, Belkys; Speiser, Herald; Svinicki, Kristine; Temp, GEA; Temp, WCO; Temp, WDM; Warren, Roberta; Wright, Darlene

Subject: FW: Request for TA Briefing - Periodic SOARCA Status Update

The staff would like to brief the TAs on the subject topic. (See below) Proposed times are:

Wednesday (3/2) at 10:00 a.m. or 2:00 p.m.

Thursday (3/3) at 10:00 a.m. or 2:00 p.m.

Please let SECY know if your office can support these times.

Thanks, Ken

From: Bowman, Gregory

Sent: Tuesday, February 01, 2011 11:56 AM

To: Hart, Ken; Laufer, Richard; Baval, Rochelle

Subject: Request for TA Briefing - Periodic SOARCA Status Update

The staff would like to provide the Commission TAs the following briefing:

Subject

Staff requests a briefing of the Commission TAs on the status of the State-of-the-Art Reactor Consequence Analysis (SOARCA) project.

Summary

The purpose of the briefing is to inform the Commission TAs of the status of the SOARCA project. Additionally, NRC staff would like to share its proposed SOARCA slides for the 23rd RIC.

Rationale for the Request

This is a periodic briefing to the Commission TAs and is in response to SRM-COMSECY-06-0064.

Key Messages/Topics

The staff would like to keep the Commission TAs informed on the current status of the SOARCA project.

Additionally, the staff would like to share its proposed SOARCA slides for the 23rd RIC. The RIC topics include: (1) phenomenological uncertainty (SNL), (2) uncertainty analysis (NRC staff), and (3) perspectives from the SOARCA peer review committee (to be presented by a peer review committee member).

Proposed times

Wednesday, March 2 at 10:00 AM or 2:00 PM

Thursday, March 3 at 10:00 AM or 2:00 PM

Greg Bowman
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U.S. Nuclear Regulatory Commission
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