



Highlights
SCAPA Teleconference 10-04
August 19, 2010, 12:30 p.m. EDT

Participants

Maureen Alai, LLNL NARAC
Tom Bellinger, Y-12
Jayne-Anne Bond, ATL
Kirk Clawson, ARL FRD
Doug Craig, ATL
Wayne Davis, SRS
Diana de la Rosa, SNL
Dave Freshwater, NA-41
Gerry Gibeault, INL
Cliff Glantz, PNL
Steve Homann, LLNL NARAC

Po-Yung Lu, ORNL
Dan Marsick, DOE/HS
Carl Mazzola, Shaw Environmental
Shana Petersen, Y-12
Frank Roberto, INL
Brad Salmonson, INL
Kerry Ward, INL
Michele Wolfgram, ORNL
Jamie Wright, Y-12
Xiao-Yung Yu, PNNL

Roll Call

Carl Mazzola conducted a roll call, noting that 21 emergency management professionals (identified in the participant list) involved in various aspects of the SCAPA and related programs were present. The teleconference was called to order.

Administrative Matters

Highlights: Carl Mazzola indicated that the highlights from SCAPA Program Teleconference 10-03 have been approved and will soon be posted by ORISE on the EMI SIG/SCAPA website.

SCAPA Working Group Activities

Chemical Exposures Working Group (CEWG)

PAC/TEEL Revision 26 (Activity proceeding)

Jayne-Anne Bond discussed the progress on the PAC/TEEL Revision 26 effort, which is close to completion. Comments to a password-protected beta version have been incorporated, and the searchable TEEL data base and PAC workbook will be posted for final review on the website on August 23. Dave Freshwater was asked when PAC/TEEL Revision 26 would be complete, and he indicated NA-41 hopes to have the process completed by the end of FY10. This revision will include toxicity data updates using the most recent toxicology information for 770 chemicals that had TEELs developed on or before September 30, 1997 and will also include any changes made to

the updated AEGLs and ERPGs. In addition, results of the review of the chemical and physical properties of the oldest 750 chemicals will also be included. Po-Yung Lu mentioned that the updates to PAC values for Rev 26 should be completed by July 9, 2010. A password-protected beta version of PAC/TEEL Rev 26 database will undergo a two-to-four-week review by selected SCAPA members before final changes are made and Rev 26 is published. Rev 26 is targeted to be issued in August 2010.

Cyanuric Chloride TEEL Request (Activity proceeding)

Kerry Ward asked if there would be a PAC/TEEL for cyanuric chloride, CASRN 108-77-0, as INL was expecting a shipment of this chemical soon. Doug Craig indicated that this is a new chemical that does not have a PAC/TEEL. After the conference call, Carl directed Kerry to the Request a TEEL page to post such a request for NA-41 consideration.

Chemical Mixtures Working Group (CMWG)

CMM Revision 26 (Activity proceeding)

Xiao-Ying Yu reported that the update of Health Code Numbers (HCNs) for first 1000 original CMM chemicals has been completed and will be published in the conjunction with the release of PAC/TEEL Revision 26. Hua He and Kim Schutte, PNNL summer interns, have reviewed 800 of the 1300 newer HCNs, and this review should be completed by the end of CY10 and become part of the HCN Revision 27 effort.

Second HCN Technical Paper (Activity proceeding)

Xiao-Ying indicated that work on a second HCN journal article, associated with using surrogate source terms in the CMM, has continued under the leadership of John Ciolek and Xiao-Ying Yu. John Ciolek has not yet decided on the final group of chemicals. Once this article is finalized and approved by NA-41, it will be submitted for publication. The end of CY10 is the new target date for journal submission.

Consequence Assessment Modeling Working Group (CAMWG)

Consequence Assessment Guide (Activity proceeding)

A Consequence Assessment Guide, developed for use by DMCC or NNSA/DOE meteorological program managers to conduct assessments of the meteorological components of the site's consequence assessment program, received extensive comments from NA-41, and resolutions of these comments was provided two weeks later. NA-41 will be completing its final review and will provide final guidance. When issued, this Guide will compliment the Meteorological Data Program Assessment Guide that was issued at the 2008 EMI SIG meeting. No additional discussion during this teleconference



AI 06-01: SQA Guidance for SCAPA Toolbox (Activity can be closed)

Cliff Glantz continued the discussion on the development of SCAPA Safety-Related SQA Guidelines for consequence assessment and related software (e.g., meteorological data processing, geospatial, graphical plotting software). The SQA guidance has been finalized and made available to all DOE/NNSA consequence assessment modelers. Cliff stressed that this will be a living document and encouraged further review of it.

DOE O 414.1X (Activity proceeding)

During the June 2010 SCAPA teleconference, Jeremy Rishel mentioned that HS-31 is developing a revision to the SQA order, DOE O 414.1X. As part of this revision process, a revised version of DOE G 414.1-4 will be drafted. Volunteers from SCAPA are invited to assist in the drafting of the revised DOE SQA Guidance document.

Biosafety Working Group (BWG)

ABSA Meeting

Frank Roberto mentioned that several BWG members will be attending the annual meeting of the American Biological Safety Association (ABSA) in Denver, CO in late-September and will be presenting a poster paper, "Incident Response Planning of Biosafety Facilities."

Review of EO 13546

Frank stated that several BWG members are on a panel associated with EO 13546, "Optimizing the Security of Biological Select Agents and Toxins in the United States." This EO goes hand-in-hand with EO 13486, "Optimizing Security of Select Agents" and will look at the redefinition of select agents and their security at Federal installations. Three BWG members are on the EO 13486 panel.

Source Term Working Group (STWG)

Michele Wolfram stated that the STWG continues to address several issues, including a White Paper associated with the DOE Standard on TRU waste, Leak Path Factor, ball-milled plutonium, dose-equivalent curies, and an evaluation on non-radiological versus radiological health effects. The Leak Path Factor effort has been suspended until spring 2011, when Chuck Rives will develop it further for the 2011 HASubC meeting.

Michele reminded everyone that the next STWG teleconference is scheduled for September 8, 2010.



SCAPA Web Page and EMU Report

Cliff Glantz reported that ORISE is continuing to make improvements to the SCAPA web pages, inclusive of the SQA links. Cliff will send these links to Kirk Clawson per his request.

Tom Tuccinardi was not available to discuss Emergency Management Updates (EMUs).

EPA AEGLs Status

Po-Yung Lu reported that the 51st NAC meeting, which was planned to take place in Orlando, FL in December, has been cancelled. He also mentioned that the National Academy of Sciences (NAS) will be reviewing up to 20 chemicals that are presently at interim status.

AIHA ERPGs Status

Richard Thomas was not available to report on recent Emergency Response Planning (ERP) Committee activities.

Round Robin

Y-12: Tom Bellinger mentioned that he was having problems with the HOTSPOT 2.07 problem reporting web page. He submitted a request on June 28, 2010 and did not receive any response. Steve Homann, the HOTSPOT author, indicated that he will assist in the solution.

SNL: Diana de la Rosa inquired as to how to address waste characterizations samples from laboratories relative to EPHAs. Carl asked Diana to submit that question to Dorothy Cohen, ORISE.

Next SCAPA Conference Call

The next SCAPA conference call is scheduled for **Thursday, October 21, 2010 at 2 p.m. EDT.**

Adjournment

The teleconference adjourned at **2:47 p.m. EDT.** Carl thanked everyone for their time and contributions.



SCAPA Program Action Item (AI) Status

Based on the information exchange from this teleconference, one AI was closed and one new AI was opened. The updated AI listing is maintained separately.

The color-coding system used in the teleconference highlights are as follows:

- Existing AIs that are not closed are colored green.
- New AIs are colored yellow.
- AIs to be closed are colored blue.

Respectfully Submitted,

Carl Mazzola

SCAPA Executive Secretary