



Highlights
SCAPA Teleconference 12-06
December 13, 2012, 12:30 – 1:30 p.m. EST

Participants

Denny Armstrong, URS SMS SRS
Bud Bucci, Hanford
Kirk Clawson, NOAA ARL FRD
Dorothy Cohen, ORISE
Doug Craig, ATL
Cliff Glantz, PNNL
Laura Kidd, ORISE
Carl Mazzola, Shaw Environmental
David Mohre, NA-41

Shana Petersen, B&W Y-12
Phil Pfeiffer, INL
Jim Powers, NA-41
Chuck Rives, Pantex
Brad Salmonson, INL
Joel Trent, DOE-ID
Michele Wolfgram, ORNL
Xiao-Ying Yu, PNNL

Roll Call

Carl Mazzola conducted roll call, noting that 17 emergency management professionals involved in various aspects of the SCAPA and its related programs, as identified in the above participants list, were present. SCAPA Teleconference 12-06 was called to order.

Administrative Matters

EMI SIG 2013 Meeting (Activity proceeding)

Dorothy Cohen mentioned that the waiver from recent Federal policy on limiting large meetings that NA-40 applied for to allow the 2013 EMI SIG meeting to occur is still being reviewed, but indications appear positive for a decision the second week in January 2013. Should the meeting be approved, it will be held in downtown Chicago, Illinois, and preparations by ORISE will begin immediately

DOE O 151.1D (Activity proceeding)

SCAPA Working Group Activities

Chemical Exposures Working Group (CEWG)

PAC/TEEL Revision 28 (Activity proceeding)

Doug Craig indicated that work continues on PAC/TEEL Revision 28 to incorporate chemical and toxicity data updates, new TEEL requests, new interim-final Acute Exposure Guideline Levels

(AEGLs), and new Emergency Response Planning Guidelines (ERPGs). Jayne-Anne, Doug Craig, and Po-Yung Lu continue their review of chemical toxicity data.

EPA NAC AEGLs (Activity proceeding)

Dave Freshwater was not available to provide an update to this Environmental Protection Agency (EPA) human toxicity program. Earlier, Dave shared that EPA is still concentrating its remaining future efforts with this program on working with the National Academy of Sciences (NAS) and a Federal group to advance some of the remaining interim AEGL values to final status. The NAS Committee intends to complete its work on AEGLs in FY13 with one last meeting later in 2012. Minor, or no changes at all, for 30 chemicals in interim status is anticipated.

AIHA ERP ERPGs (Activity proceeding)

Richard Thomas and Rocky Petrocchi were not available to provide an update the Emergency Response Planning (ERP) Committee, which last met by teleconference in early November 2012

Chemical Mixtures Working Group (CMWG)

CMM Testing (Activity proceeding)

Xiao-Ying Yu stated that the "Part I" report on the first half of this past summer's (2012) extensive review and testing of the Chemical Mixture Methodology (CMM), including assessing a new target organ system effect (TOSE) approach, was issued. The "Part II" report, documenting the second half of our interns' summer work, is under preparation. Part II features results from 381 test cases involving 127 different chemical mixtures. Our interns' research from the previous summer (2011) was published in a December 2012 special issue of the journal *Toxicology*.

CMM Revision 28 (Activity proceeding)

Xiao-Ying indicated that work continues on CMM Revision 28, which will be developed in tandem with PAC/TEEL Revision 28. The independent review of 508 chemicals (i.e., 15% of the CMM database) as part of the revision process should be complete before the EMI SIG Meeting.

CMM Wizard (Activity proceeding)

Cliff stated that a beta-version of CMM Wizard is close to being posted on a password-protected portion of the ORISE website. Access to this product will be provided to registered SCAPA members and CMM users. Users of this prototype tool will be encouraged to provide comments and suggest enhancements that can be incorporated into the final CMM Wizard design.

Consequence Assessment Modeling Working Group (CAMWG)

SCAPA Modeling Toolbox—SQA & Candidate Models (Activity proceeding)

Cliff reported for Jeremy Rishel and indicated that the SCAPA toolbox web page continues to be populated and is operational with descriptions, contact information, and CAMWG software quality assurance (SQA) gap analyses for CAPARS, APGEMS and (in the near future) NARAC. The NARAC gap analysis has been completed and spreadsheet-based comments are in final review. Our draft SQA webpage for NARAC will be completed by end of the year. Work has begun on the model custodian's SQA evaluation of RASCAL and is completed for HYSPLIT. Both SQA packages will soon undergo review by the evaluation team with HYSPLIT leading the way. The target is to have five codes in the SCAPA Toolbox by the EMI SIG Meeting.

MACCS2 Wind Speed Resolution (Activity proceeding)

Cliff had nothing new to report on a White Paper that shows that the apparent MACCS2 issue presented by a Hanford contractor to an HS-30 working group was not a model SQA issue but a wind speed resolution issue. The White Paper is virtually complete and will be sent to NA-41 for its review. NA-41 may decide to hand this over to HS-30 for final publishing.

PAR Response Cards (Activity proceeding)

Mike O'Keefe was not available to further discuss the draft Protective Action Response (PAR) cards that are being developed for offsite agencies at Nevada Nuclear Security Site (NNSS). Mike will send a non-Official Use Only (OUO) version to SCAPA.

Biosafety Working Group (BWG)

Biotoxin HCNs (Activity proceeding)

Dina Siegel was not available to update the BWG work involving biotoxins. Previously, BWG had prioritized biotoxins into two tiers of importance relative to a future effort of developing HCNs for biotoxins; with ricin and botulinum in the top tier.

DOE Security Order Review (Activity proceeding)

Dina was not available to report on BWG review of a new draft DOE security order, which will not affect BSL-1, BSL-2 or BSL-3 facilities.

Review of CDC-DOE MOU (Activity proceeding)

Dina was not available to report on BWG review of a Memorandum of Understanding (MOU) between DOE and the Centers for Disease Control and Prevention (CDC), which is under development; requiring both agencies to provide prior notification before its inspections.

Select Agent Rule (Activity can be closed)

The select agent rule became effective on October 5, 2012 with its publication in the Federal Register (see <http://www.selectagents.gov/> for more information).

ABSA (Activity proceeding)

The relationship with BWG and American Biological Safety Association (ABSA) needs to be reaffirmed if we want to continue our cooperative arrangement. Dina is reviewing the existing ABSA-BWG agreement and will analyze what should be the next step.

Engineered Nanomaterial Health Impacts (Activity proceeding)

Dina was not available to further discuss health effects requirements for engineered nanomaterials (e.g., carbon nanotubes) since LANL is considering developing an EPHA for its manufacture.

Source Team Working Group (STWG)

HOTSPOT Deposition Velocity (Activity proceeding)

Chuck Rives reported that work continues on the scoping of the HOTSPOT 2.07.2 deposition velocity review project. The review team is waiting for results from a similar NARAC project to become available.

Dose-Equivalent Curies (Activity can be closed)

Dose Equivalent curies White Paper has been posted.

New Business

Chuck inquired as to what lung clearance class should be used for EPHA preparation. Carl suggested that he contact Wayne Davis, SRS.

Round Robin

No round robin issues were raised.

Next SCAPA Conference Call

The next SCAPA Teleconference is scheduled for **Thursday, February 21, 2013** at **12:30 p.m. EST**.



Adjournment

The teleconference adjourned at **1:27 p.m. EST**. Carl thanked everyone for their time and contributions.

SCAPA Program Action Item (AI) Status

Based on the information exchange from this teleconference, 16 activities were continued, one activity was closed, and three new activities were opened. A status of these activities will be discussed at the next SCAPA teleconference.

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