



Highlights
SCAPA Teleconference 11-02
April 21, 2011, 12:30 p.m. EST

Participants

Jayne-Anne Bond, ATL
Dorothy Cohen, ORISE
Doug Craig, ATL
Wayne Davis, URS SRS
Dennis Finn, ARL FRD
Cliff Glantz, PNNL
Courtney Haggard, URS Oak Ridge
Jim Jamison, SAIC
Aprill Javelekis, URS Hanford
Po-Yung Lu, ORNL
Dan Marsick, DOE/HS

Carl Mazzola, Shaw Environmental
Rocky Petrocchi, Petrocchi Associates
Phil Pfeiffer, INL
Bill Possidente, NNSS
Jim Powers, NA-41
Josh Price, URS Oak Ridge
Brad Salmonson, INL
Dina Siegel, LANL
Hoyt Walker, NARAC
Kerry Ward, INL

Roll Call

Carl Mazzola conducted a roll call, noting that 22 emergency management professionals involved in various aspects of the SCAPA and its related programs, as identified in the above teleconference participants list, were present. Teleconference 11-02 was called to order.

Administrative Matters

EMI SIG Meeting: Cliff Glantz and Dorothy Cohen gave a final briefing on the 2011 EMI SIG meeting to be held May 2-5, 2011 at the Charleston Marriott in Charleston, SC; sponsored by Savannah River Nuclear Solutions. The current number of participant registrations is 270. All presentations are due to ORISE by April 25, 2011.

The SCAPA, DOE Meteorological Coordinating Council (DMCC), and Hazard Assessment Subcommittee (HASC) meeting agendas have been completed, and all three of these meetings will be taking place on Monday, May 2, 2011. The DMCC and the HASC will have parallel meetings first, and then both groups will come together in the late morning for a joint session with SCAPA. The full SCAPA meeting will be held that afternoon. The EMI SIG general sessions will take place May 3-4.

All five SCAPA working groups and the NARAC/HOTSPOT User Group will hold meetings during open time periods on May 1, May 3, and May 4, 2011.

Steve Homann's and Carl Mazzola's full-day workshop and computer practicum on HOTSPOT 2.07.02 has been rescheduled from May 5 to September 15, 2011, coupled with annual NARAC training.

American Nuclear Society (ANS) 3rd International Topical Meeting on Emergency Preparedness & Response (EP&R) and Robotics & Remote Systems: Carl Mazzola discussed the progress of the American Nuclear Society topical meeting, which will be held at the Knoxville Marriott in Knoxville, TN, August 8–10, 2011. Fifteen sessions have been formulated, and additional invited papers and panels will round out the topical meeting.

The robotics and remote systems portion of the meeting attracted 69 abstracts. The total of 117 abstracts was similar to the number received at the 2008 Topical Meeting in Albuquerque, NM.

SCAPA Working Group Activities

Chemical Exposures Working Group (CEWG)

PAC/TEEL Revision 27 (Activity proceeding)

Jayne-Anne Bond mentioned that work continues on Protective Action Criteria (PAC)/Temporary Emergency Exposure Limits (TEEL) Revision 27. Minor updates will be made to the PAC/TEEL values for several chemicals, and direction from NA-41 on ways to update and improve the PAC/TEEL development process is forthcoming. NA-41 is also determining the best strategy on implementing recommendations provided by the external PAC/TEEL Methodology Review Committee. Doug Craig stated that possibly 70% of the PAC/TEEL values will be changing due to the implementation of the new methodology.

Chemical Mixtures Working Group (CMWG)

CMM Revision 27 (Activity proceeding)

Rocky Petrocchi stated that Revision 26 of the Chemical Mixture Methodology (CMM) was released this month. It is compatible with PAC/TEEL Revision 26. Revision 27 of the CMM is being developed and will be issued in conjunction with PAC/TEEL Revision 27. Chemicals that are still assigned Health Code Numbers (HCNs) of "3.00 and 4.00" (i.e., codes conservatively designated for chemicals where no specific acute or chronic HCN values were assigned), will be re-examined in the hope that more specific HCNs can now be assigned. Development of HCNs for biotoxins will also be discussed.

Second HCN Technical Paper (Activity proceeding)

Rocky Petrocchi mentioned that work on a new CMM journal article should be ready for final editing after Xiao-Ying returns from her maternity leave in mid-May 2011. There is also early discussion on developing a third CMM technical paper.

Consequence Assessment Modeling Working Group (CAMWG)

Central Toolbox Registry—SQA & Candidate Models (Activity proceeding)

Cliff Glantz reported the SQA gap analysis review for the CAPARS modeling system has been completed. Evaluation of the APGEMS code, which is used at Hanford, has commenced. Work on NARAC SQA review has been delayed due to NARAC's heavy involvement in the emergency response at Fukushima Dai-ichi since it was struck by an earthquake and tsunami on March 11, 2011.

DOE O 414.1D (Activity proceeding)

Cliff Glantz stated that DOE/HS-23 has completed its work on the SQA order, DOE O 414.1D, which now addresses non-safety-related software, and it appears to be consistent with the SCAPA SQA guidance. DOE O 414.1D has completed the RevCom comment period and should be posted on the DOE Order web page at the end of April 2011.

Biosafety Working Group (BWG)

Biotoxins PAC/TEELs (Activity proceeding)

Dina Siegel indicated that the development of PAC/TEELs for biotoxins will be discussed at the CEWG/CMWG meeting on May 1, 2011

EO 13546

Dina discussed the implementation of this Executive Order as it pertains to Biosafety Level (BSL)-2 and BSL-3 facilities. DOE will be coordinating with other Federal agencies regarding inspections.

ABSA Meeting and Publications

Dina discussed the possibility of developing another biosafety technical paper and mentioned that several BWG members planned to attend the next America Biological Safety Association (ABSA) annual meeting in late-September 2011.

Source Term Working Group (STWG)

Non-Respirable Source Term (Activity proceeding)

Cliff Glantz (for Michele Wolfgram) mentioned that the recommendation paper discussing the use of non-respirable source terms to ensure that non-respirable dose impacts (e.g., ground shine) is still under development by Wayne Davis. Wayne will send the paper out for review before the next teleconference and will present it at the HASC Meeting in Charleston, SC.

Dose-Equivalent Curies (Activity proceeding)

Cliff Glantz mentioned that Dan Conners had been developing an objective statement on the use of Dose Equivalent curies to support emergency planning and plume modeling during real events. Dan has taken a different job, and a new sponsor for this activity is needed.

SCAPA Web Page Report

Cliff Glantz reported that the agendas for the upcoming meetings have been posted.

EPA AEGLs Status

Po-Yung Lu reported that a few chemicals have had their AEGLs promoted from interim to final status. There are now 66 chemicals with final AEGLs, 192 chemicals in the interim status, 12 chemicals with proposed AEGLs, and 46 chemicals in a holding pattern, for a total of 316 chemicals. EPA has not scheduled a meeting of the AEGL National Advisory Committee (NAC) since April 2010.

Po-Yung mentioned the unfortunate passing of Paul Tobin, the EPA Federal Official for the development of AEGLs, on April 11, 2011.

AIHA ERPGs Status

Rocky Petrocchi reported on recent Emergency Response Planning (ERP) Committee activities. The 2011 ERPG handbook will be published in late-May to June 2011. Eight chemical ERPGs were revised and the ERPGs for one other chemical were developed. The ERG will conduct the remainder of its 2011 meetings by teleconferences.

Round Robin

No round robin was conducted since the EMI SIG meeting is only 12 days away.

Next SCAPA Conference Call

The next SCAPA Conference call is scheduled for **Thursday, June 16, 2011 at 12:30 p.m. EDT.**



Adjournment

The teleconference adjourned at **1:13 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, 10 activities were continued, and no new activities were opened. One activity was closed for a total of nine activities that 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