

**SCAPA PROGRAM TELECONFERENCE 08-05**  
**WEDNESDAY, DECEMBER 3, 2008; 2:00 PM-3:00 PM EST**

**Teleconference 08-05 Participants**

**Maureen Alai, LLNL NARAC**  
**Brian Baumann, Fluor-Hanford**  
**Tom Bellinger, BWXT Y-12**  
**Jayne-Ann Bond, ATL**  
**Bud Bucci, Fluor-Hanford**  
**Dorothy Cohen, ORISE**  
**Doug Craig, ATL**  
**Wayne Davis, WSMS**  
**Cliff Glantz, PNNL**  
**John Harris, DOE/ORO**  
**Fred Horn, BNL**  
**Jin Jamison, SAIC**  
**Erik Kabela, SRNL**  
**Steve Lockett, NA-41**  
**Dan Marsick, HS**  
**Greg Martin, SAIC**  
**Carl Mazzola, Shaw Environmental**  
**Rocky Petrocchi, URS**  
**Phil Pfeiffer,**  
**Bill Possidente, NS Tec**  
**Jeremy Rishel, PNNL Hanford**  
**Frank Roberto, INL**  
**Jim Powers, NA-41**  
**Brad Salmonson, INL**  
**Jonathan Tapia, LANL**  
**Richard Thomas, Intercet**  
**Tom Tuccinardi, ATL**  
**Steve Vigeant, Shaw Environmental**  
**Kerry Ward, INL**  
**Gary Winner, ANL**  
**Xiao-Ying Yu, PNNL**

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**SCAPA Teleconference 08-05 Highlights**

**I. Roll Call**

Carl Mazzola conducted a roll call, noting that thirty-one (31) emergency management professionals involved in various aspects of the SCAPA program were present. The teleconference was called to order. Sixteen (16) emergency management professionals participated in the previous SCAPA conference call.

**II. Administrative Matters**

Carl Mazzola addressed three following matters:

**Previous Teleconference Highlights:** The highlights from the September 17, 2008, SCAPA Program Teleconference 08-04 has been issued and will be posted by ORISE on the EMI SIG/SCAPA website.

**SCAPA Action Item Status:** The latest updated SCAPA Program Action Item (AI) listing was provided with the meeting agenda. At the time of this teleconference, seven (7) action items remained open. The progress of these AIs will be discussed during today's teleconference.

**2009 SCAPA Meeting:** Planning for the May 8, 2009 SCAPA Meeting has begun and each participant was requested to provide the name of special speakers to either Cliff Glantz or Carl Mazzola that could be invited to present; especially those nearby the San Francisco, CA area where the meeting will be held. In addition, a special trip to the NARAC facility in Livermore, CA is being arranged for the day after the meeting, Friday, May 9, 2009. **ACTIVITY PROCEEDING.**

**III. SCAPA Working Group Activities**

**A. Chemical Exposures Working Group (CEWG) (Doug Craig, Chairperson)**

Doug Craig and other CEWG members reported on the recent activities associated with the CEWG:

**AI 05-03:** All PAC/TEEL tasks associated with the Software Quality Assurance (SQA) of the PAC/TEEL software and program continue to move forward with various components either issued or in progress of development. The following specific tasks were discussed:

1. Tom Tuccinardi shared that the PAC/TEEL cookbook is nearing completion and will be sent for TAG+ review shortly (Note: This was sent out on December 7, 2008);

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2. Cliff Glantz stated that the PAC/TEEL configuration management system using the Share Point software had run into a few snags but is now working better;
3. Rocky Petrocchi opined that Revision 1 of the CMM workbook is now under preparation; and,
4. Doug Craig indicated that the upgrade of the Excel Worksheet macros has been shelved until a central method to develop TEEL values is established. Ray Lux still needs to provide the list of macros. **ACTIVITY PROCEEDING.**

**TEEL Update:** Doug also stated that the effort to update the TEELs that were developed in the 1990s has been initiated. The TEEL update project will involve approximately 2500 of the 3354 chemicals. **ACTIVITY PROCEEDING.**

**PAC/TEELs Revision 25:** NA-41 continues to provide formal direction for the development of PAC/TEELs Revision 25 and preparation of the associated HCNs. PAC/TEEL requests for chemicals for this revision is on hold except for 23-25 biotoxins requested by BWG in AI 08-02 and one chemical from the Sandia National Laboratory (SNL). **ACTIVITY PROCEEDING.**

**B. Chemical Mixtures Working Group (Doug Craig, Chairperson)**

Rocky Petrocchi and other CMWG members reported on the recent activities associated with the CMWG:

**AI 06-15:** Rocky Petrocchi stated that he, Donna Trott, Jayne-Anne Bond, and Xiao-Ying Yu completed all 800 chemicals in the HCN backlog, including the 10 biotoxins, bringing the HCNs up-to-date with Revision 24 of the PAC-TEELs. Richard Thomas provided the quality assurance reviews and identified all of the major health effects that are exhibited from exposure to biotoxins. PAC-TEEL and HCN development efforts for future chemicals or chemicals requiring update due to the development of new PACs will be conducted simultaneously. **ACTIVITY CAN BE CLOSED.**

**AI 07-14:** Xiao-Ying Yu has begun a literature search that will assist the development of the CMM/HCN technical paper. More direction on this paper was provided at the October 2008 TAG+ meeting. She will soon be sending a 1-page outline of the paper to SCAPA for its review. The goal is to have this paper complete and ready for publication in December 2009. **ACTIVITY PROCEEDING.**

**HCN Update:** Rocky stated that the effort to update the HCNs that were developed in the 1990s has also been initiated, involving approximately 2200 of the 3354 chemicals with HCNs. **ACTIVITY PROCEEDING.**

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**C. Consequence Assessment Modeling Working Group (Jeremy Rishel, Chairperson)**

Jeremy Rishel and other CAMWG members reported on the recent CAMWG activities:

**AI 06-01:** Cliff Glantz discussed the development of the SQA Guidelines and consequence assessment modeling based on meeting the requirements of DOE O 414.1C and DOE Guide 414.1-4, with an emphasis on configuration management, V & V and preparation of an SQA Plan. A first draft, focusing on safety software, has been reviewed by working group members and Steve Lockett, NA-41. A later draft, which will also be addressing the SQA associated with meteorological data, will be submitted for SCAPA review on December 19, 2008. Upon completion it will be released to the DOE/NNSA emergency management community. **ACTIVITY PROCEEDING.**

**Consequence Assessment Guide:** Jeremy indicated that this is a DMCC activity which has requested SCAPA CAMWG review. The draft Consequence Assessment Guide has been 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. It has incorporated relevant portions of the consequence assessment section of DOE G 151.1-1 and draft DOE G 151-XY, and contains 22 performance criteria with associated Lines of Inquiry (LOIs). Comments are due by December 19, 2008, with a target issuance date of January 31, 2009. This guide will compliment the 2008 Meteorological Data Program Assessment Guide, which was available during the 2008 EMI SIG Meeting. **ACTIVITY PROCEEDING.**

**Central Registry:** Cliff is arranging a January 2009 meeting with Subir Sen, who is now in charge of the DOE/HS Central Registry, to discuss toolbox requirements, the SCAPA toolbox concept, HOTSPOT becoming the 8<sup>th</sup> model in the Central Registry, and other future model submissions to the registry. It will either be a live meeting, or a face-to-face meeting. With respect to HOTSPOT, Maureen Alai mentioned that the tasks required to address the five critical recommendations in the November 2006 team review to allow it into the Registry are about 6 weeks from completion. Cliff suggested that we have a closing meeting on this activity during the 2008 EMI SIG Meeting. **ACTIVITY PROCEEDING.**

**D. Biosafety Working Group (Frank Roberto, Chairman)**

Frank Roberto reported on the recent BWG activities:

**AI 06-06:** The BWG has looked at several indoor air quality and transport models (e.g., COMIS, CONTAM), and developed a scenario for an office setting. The draft working group report on needs and current status is virtually complete and will be released for SCAPA review by December 31, 2008. **ACTIVITY PROCEEDING.**

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**AI 08-01**: The White Paper that addresses lessons learned regarding established realistic biosafety scenarios for emergency response is under development. **ACTIVITY PROCEEDING.**

**AI 08-02**: PAC-TEEL development for 23-25 biotoxins (i.e., chemical toxins produced by microorganisms once they enter the body) has been requested. **ACTIVITY CAN BE CLOSED.**

**ABSA Alliance**: A formal alliance with the American Biosafety Sciences Association (ABSA), involving information exchange and other synergistic linkages, has been established with the BWG. NNSA has reviewed the language and is satisfied with it. **ACTIVITY CAN BE CLOSED.**

**NNSA/DOE Policy on High Containment Facilities**: Frank briefly spoke on an upcoming Federal regulation on high containment facilities and discussed the November 3, 2008 Memorandum from Glenn Podonsky, Thomas D'Agostino, and Undersecretary for Science Raymond Orbach on the Notice of Intent to Develop a Policy for the Design, Construction, and Operation of Biological Research Laboratories Using Select Agents (EXEC-2008-011427). BWG will track the progress of this internal NNSA/DOE activity and report back to NA-41, as appropriate. **ACTIVITY PROCEEDING.**

**E. Source Term Working Group (Michele Wolfgram)**

Michele Wolfgram was unavailable to report on the STWG. The STWG will be conducting a teleconference on December 16, 2008.

**IV. SCAPA Web Page and EMU Report**

Cliff Glantz discussed several recent updates to the SCAPA web page which includes:

1. Preliminary information on the 2009 EMI SIG meeting including the hotel where the meeting will be held; and,
2. PAC/TEELs Revision 24 methods and practices.

The FAQ for the time issue, which was approved by NA-41 in September 2008, has not yet been posted. Cliff will determine the status.

**V. EPA AEGLs Status**

Po-Yung Lu was unavailable to report on EPA/AEGL activities. Dave Freshwater is attending the December 3, 2008 San Diego, CA AEGL meeting.

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**VI. AIHA ERPGs Status**

Richard Thomas reported on the Emergency Response Planning (ERP) Committee activities. The ERP met in Baltimore, MD on November 12-13, 2008. Richard expects approximately 15 new/revised ERPGs to be released by AIHA on January 31, 2009 which will be integrated into the PAC-TEELs Revision 25 effort at the appropriate time. The ERP Committee plans to conduct a teleconference on March 12, 2009 and will have a meeting in Salt Lake City, UT on April 6-7, 2009.

**VII. EPA PAGs Status**

Gustavo Vazquez was unavailable to discuss the status on the Protective Action Guidelines (PAGs).

**VIII. Round Robin**

**Hanford:** Brian Baumann mentioned that Hanford is updating its EPHAs as it is reducing its hazards footprint and moving to the center of the site. It is also developing ARFs and RFs based on mining experience associated with its many decontamination and decommissioning activities. This information can also be used to support resuspension research.

The round robin was shortened, as the time allotted for this teleconference was expiring.

**IX. Next SCAPA Conference Call**

The next SCAPA Conference call (09-01) will be scheduled in February 2009. In 2009, all SCAPA conference calls will be scheduled on a specific day of the week and week of the month in February, April, June, August, October, and December. This will be determined in January 2009.

**X. Adjournment**

The teleconference was adjourned at **3:00 p.m. EST**. Carl thanked everyone for their time and contributions.

**XI. SCAPA Program Action Item (AI) Status**

Based on the information exchange from this teleconference, two AIs were closed and no new AIs were opened, reducing the number of AIs to five (5). The updated AI listing is maintained separately but is usually sent out with teleconference highlights.

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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; and,
- AIs to be closed are colored blue.

It should be noted that administrative items and discussion items that do not involve action items are colored red and orange, respectively.

Respectfully Submitted,

*Carl Mazzola*  
*SCAPA Executive Secretary*