

SCAPA PROGRAM TELECONFERENCE 08-04
WEDNESDAY, SEPTEMBER 17, 2008; 2:00 PM-3:00 PM EDT

Teleconference 08-04 Participants

Jane-Ann Bond, ATL
Dave Freshwater, NA-41
Gerry Gibeault, INL
Cliff Glantz, PNNL
John Harris, DOE/ORO
Po-Yung Lu, ORNL
Dina Matz, LANL
Carl Mazzola, Shaw Environmental
Fred Mogolesko, Entergy (Retired)
Vern McDougall, ATL
John Nasstrom, LLNL/NARAC
Brad Salmonson, INL
Richard Thomas, Intercet
Joe Terranova, BNL
Tom Tuccinardi, ATL
Xiao-Ying Yu, PNNL

Teleconference Highlights

I. Roll Call

Carl Mazzola conducted a roll call, noting that 16 emergency management professionals involved in the SCAPA program were present. The teleconference was called to order. During the previous SCAPA conference call, 29 emergency management professionals participated.

II. Administrative Matters

Carl Mazzola covered four administrative matters:

Previous Teleconference Highlights: The highlights from the 7/9/08 SCAPA Program Teleconference 08-03 has been issued and ORISE has posted it on the EMI SIG/SCAPA website.

SCAPA Action Item Status: The latest updated SCAPA Program Action Item (AI) listing was reviewed. At the time of this teleconference, eight (8) action items still remained open. The progress of these AIs will be discussed during today's teleconference.

SCAPA PROGRAM TELECONFERENCE 08-04
WEDNESDAY, SEPTEMBER 17, 2008; 2:00 PM-3:00 PM EDT

III. SCAPA Working Group Activities

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

In Doug Craig's absence, Cliff Glantz, Ann-Marie Bond and Tom Tuccinardi reported on the activities associated with the PAC-TEELs:

AI 05-03: PAC-TEEL software SQA tasks continue. **ACTIVITY PROCEEDING.**

AI 07-02: Tom Tuccinardi reported that PAC-TEELs Revision 24 has been completed and it has been posted on the EMI SIG web page. Tom prepared an Emergency Management Update (EMU) to inform the DOE/NNSA sites of its availability; the EMU was published on 9/11/08. **ACTIVITY CAN BE CLOSED.**

With the completion of PAC Revision 24, work shifts to PAC Revision 25. NA-41 is providing formal direction for the development of PAC-TEELs Revision 25 and the preparation of the associated HCNs.

B. Chemical Mixtures Working Group (Doug Craig, Chairman)

In Doug Craig's absence, Cliff Glantz and Xiao-Ying Yu reported on the activities associated with the HCNs:

AI 06-15: Cliff Glantz reported that Rocky Petrocchi, Donna Trott and Xiao-Ying Yu will have completed all of the 750 chemicals in the HCN backlog by September 30, 2008. This will bring the HCNs up-to-date with Revision 23 of the PAC-TEELs. The 50+ chemicals in PAC-TEELs Revision 24 are targeted for completion by October 31, 2008. At this point, the PAC-TEEL and HCN development effort for future chemicals, or chemicals requiring update due to the development of new AEGLs or ERPGs, can be conducted simultaneously.

AI 07-14: Xiao-Ying Yu indicated she would begin developing the CMM/HCN technical paper, with the HCN development procedure providing the nucleus of this paper with an early 2009 target. More direction on the paper will be provided at the TAG meeting. **ACTIVITY PROCEEDING.**

Cliff shared that a Share Point site is being developed to enable cross-communication between CEWG and CMWG members. **ACTIVITY PROCEEDING.**

SCAPA PROGRAM TELECONFERENCE 08-04
WEDNESDAY, SEPTEMBER 17, 2008; 2:00 PM-3:00 PM EDT

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

In Jeremy Rishel's absence, Cliff Glantz reported on the CAMWG activities:

AI 06-01: Cliff discussed the development of SQA Guidelines and consequence assessment modeling based on meeting DOE O 414.1C and DOE Guide 414.1-4, with an emphasis on configuration management, V & V, and preparation of a SQA Plan. A first draft, focused on safety software, has been reviewed by working group members and Steve Lockett, NA-41. A later draft will be submitted for SCAPA review on September 30, 2008. After it is completed, it will be released to the DOE/NNSA emergency management community. Once the SQA procedures are available, the SQA work can move forward in earnest. Cliff mentioned that he has found out that the ASME/NQA-1 standard on SQA for nuclear safety codes recommend more flexibility (e.g., graded approach) with scientific codes. Cliff will be exploring this very important aspect which can affect the SCAPA toolbox. **ACTIVITY PROCEEDING.**

John Nasstrom discussed the reasons why NARAC was moving to a web-based platform and why iClient 2.0 is being de-emphasized. The main reason is that the web-based system is more interactive and that iClient 2.0 is not implemented at DOE/NNSA sites. John stressed that iClient 1.6, which is at DOE/NNSA sites, will still be maintained through FY09. NARAC recognizes that there are pluses and minuses to this decision. On the plus side, this decision would likely result in a reduction of life-cycle costs for NARAC operation at DOE/NNSA sites. On the downside, the NARACweb system is much more dependent on back-and-forth Internet communication. This means that heavy Internet traffic can degrade a user's ability to utilize the NARACweb in a timely and efficient manner. John pointed out that if the NARACweb failed, users could still call the NARAC operating center and have a NARAC staff member initialize a model run for them and output could be faxed to the site. The move from iClient to the NARACweb will be discussed at future NARAC User Group teleconferences.

Dave Freshwater stated that DOE O 151.1C indicates that NARAC does not have to be the primary consequence assessment capability at DOE/NNSA sites. The Order requires that be used as the primary, backup, corroborating capability selected by the facility.

D. Biosafety Working Group (Frank Roberto, Chairman)

In Frank Roberto's absence, Cliff Glantz reported on the BWG activities.

AI 06-06: BWG has also looked at several indoor air quality and transport models (e.g., COMIS, CONTAM), and has developed a scenario for an office setting. The draft report was discussed at the July 16, 2008 teleconference, and is targeted to be released for limited SCAPA review shortly.

SCAPA PROGRAM TELECONFERENCE 08-04
WEDNESDAY, SEPTEMBER 17, 2008; 2:00 PM-3:00 PM EDT

08-01: During the BWG meeting in May 2008, an action item was opened to have BWG develop a White Paper to establish realistic scenarios for emergency response. Results from AI 06-06 will be integrated into this product. No additional discussion at this teleconference. **ACTIVITY PROCEEDING.**

08-02: During the BWG meeting in May 2008, an action item was opened to request PAC-TEEL development for 25 biotoxins (i.e., chemical toxins produced by microorganisms once they enter the body). **ACTIVITY PROCEEDING.**

John Nasstrom added that NARAC is configured to address releases of biological materials though it currently is not set-up to model in-facility transport and venting to the atmosphere. NARAC is interested, based on user feedback, in putting an indoor air quality model such as COMIS and CONTAM into NARAC. However, this is only one of many potential enhancements to NARAC that are on their planning list and it is currently not scheduled for implementation in the near term.

E. Source Term Working Group (Michele Wolfgram)

Michele Wolfgram was unavailable to report on the STWG.

IV. SCAPA Web Page and EMU Report

Tom Tuccinardi indicated the EMU on the Revision 24 PAC-TEELs was issued on 9/11/08.

Cliff Glantz discussed several updates to the SCAPA web page which includes the 2008 meeting report and its presentations, reports on all working group activities during the 2008 EMI SIG Meeting with the exception of TAG, and several new links to useful web pages and publications.

V. EPA AEGLs Status

Po-Yung Lu reported on EPA/AEGL activities and stated that the next meeting will be in San Diego, CA in December 2008. PAC-TEELs Revision 24 contains 227 chemicals that have AEGLs; of which 38 are final AEGLs and 189 are interim AEGLs.

Dave Freshwater mentioned that EPA, who is leading the AEGL effort, will be reaching the end of its AEGL development list in the not-too-distant future (Note: At the May 2008 SCAPA Meeting, Paul Tobin, EPA stated December 2009 would be the expected time that EPA would have completed its AEGL work).

SCAPA PROGRAM TELECONFERENCE 08-04
WEDNESDAY, SEPTEMBER 17, 2008; 2:00 PM-3:00 PM EDT

VI. AIHA ERPGs Status

Richard Thomas reported on the Emergency Response Planning (ERP) Committee activities. The ERP will wrap up its business activities during a September 22, 2008 conference call. Richard expects 5 new and 8 revised ERPGs to be released by AIHA at the end of January 2009, although this number can change slightly. These new 2009 ERPGs will be integrated into the PAC-TEELs Revision 25 effort.

VII. EPA PAGs Status

Gustavo Vazquez was unavailable to discuss the status on the Protective Action Guidelines (PAGs). However, he provided information that he received from the EPA Center for Radiological Emergency Management via e-mail, which is captured below:

1. The PAGs Manual revision is in final, final, final federal review. Since early, intermediate, food, and late-phase optimization guidance were already vetted in the DHS document, now final, EPA is only issuing drinking water and new DCP/DRL calculations for public review and comment.
2. Once the drinking water and new DCP/DRL calculations are in the Federal Register (FR), EPA anticipates a 60-day public comment period and will make sure everyone is notified when the FR notice is published and the public comment period opens. Once all public comments have been incorporated, EPA will issue a full updated manual.
3. Outreach continues, most recently at the Health Physics Society (HPS) meeting in July 2008 and is planned again at the HPS mid-year meeting in January 2009.
4. A web-based training course is being developed as well.
5. The PAGs web page is www.epa.gov/radiation/rert/pags.html.

VIII. Round Robin

Due to limited time remaining, there was no round robin conducted.

IX. Next SCAPA Conference Call

The next SCAPA Conference call (08-05) will be scheduled in November 2008.

SCAPA PROGRAM TELECONFERENCE 08-04
WEDNESDAY, SEPTEMBER 17, 2008; 2:00 PM-3:00 PM EDT

X. Adjournment

The teleconference was adjourned at **2:53 p.m. EDT**. Carl thanked everyone for their time and their contributions.

XI. SCAPA Program Action Item (AI) Status

Based on the information exchange from this teleconference, one AI was closed (i.e., AI 07-02), making a total of 7 active AIs. The updated AI listing is maintained separately but is usually sent out with teleconference highlights.

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.

Respectfully Submitted,

Carl Mazzola
SCAPA Executive Secretary