



Emergency Management Issues (EMI) Subcommittee on  
Consequence Assessment and Protective Actions (SCAPA)  
Chemical Exposures Working Group (CEWG)  
Chemical Mixtures Working Group (CMWG)

## Meeting Highlights for the CEWG and CMWG

Tuesday, May 6, 2008; 11:30 AM EDT

### Participants:

Doug Craig, ATL  
Dave Freshwater, NA-41  
Jim Jamison, SAIC  
Greg Martin, SAIC  
Rocky Petrocchi, URS  
Richard Thomas, Intercet  
Gary Winner, ANL

Wayne Davis, WSMS  
Cliff Glantz, PNNL  
Po-Yung Lu, ORNL  
Carl Mazzola, Shaw Environmental  
Diane Sentakovitch, LANL  
Tom Tuccinardi, ATL  
Xiao-Ying Yu, PNNL

### Meeting Highlights

#### I. Roll Call

Carl Mazzola conducted a roll call and acknowledged that fourteen (14) individuals were present.

#### II. Discussion

Various individuals led the discussion which included the following topics:

- **PAC-TEEL Revision 24:** Doug Craig reported on the progress of PAC-TEEL revision 24, which is incorporating all new and revised 2008 AEGLs and 2008 ERPGs. Doug mentioned that 350 chemicals now have either AEGLs, ERPGs, or both, and that there are 17 new chemicals affected by the 2008 AEGLs and ERPGs; 10 due to new interim AEGLs, one due to a new final AEGL and 6 due to ERPGs. Revision 24 will have a total of 3,333 chemicals. Details of the next PAC-TEEL revision were provided including new columns of information and the revision of input instructions. Doug mentioned that the excel workbook that is used to calculate the PAC-TEEL's has grown to 17.5 MB and since this type of tool was not designed for such a large application there may be some hidden errors that will be discovered through the Quality Assurance (QA) process. Doug discussed the QA process which now reviews 100% of the chemicals and mentioned that it may take awhile to catch up with all QA activities. Doug also mentioned that the first TEELs were published in October 1992. Lastly, Doug indicated that the role of Ray Lux (i.e., managing the Excel spreadsheet macros) also needs to be included in the succession plan. Wayne Davis volunteered to check on possible candidates at SRS.



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- **CMM/HCN Status:** Rocky Petrocchi discussed the CMM/HCN catch-up plan and timetable. The excel file has been updated and new acute HCNs has been incorporated, while QA testing was done on a line-by-line basis and a few errors were corrected. Rocky mentioned that the HCNs are complete through PAC-TEELs Revision 19. Revisions 20-23 involve 1,050 new chemicals of which 150 have been completed, leaving 900 left plus additional Revision 24 chemicals. Xiao-Ying Yu and Donna Trot will be helping work off the backlog and will soon be trained to do so.
- **DOE STD-1189:** Carl Mazzola indicated that the CMM is discussed in Appendix B of DOE STD-1189 which was released on March 31, 2008. Dave Freshwater stated that a DOE standard has the same strength as a DOE guide and that DOE O 151.1C screening criteria are also mentioned in DOE STD-1189; as well as guidance from DOE G 151.1-2. He emphasized that if there is any problem in interpreting guidance that a case should be developed and sent to NA-41 for evaluation.

### III. Next SCAPA CEWG/CMWG Meeting

Carl Mazzola indicated that next SCAPA CEWG/CMWG teleconference has not yet been scheduled. The next SCAPA CEWG/CMWG meeting is scheduled for **Tuesday, May 5, 2009** during the next EMI-SIG meeting in a west coast city.

### IV. Adjournment

The meeting was adjourned at **12:30 p.m. EDT**. Doug thanked everyone for their time and their contributions.