

**Chemical Safety and Lifecycle Management (CSLM)
Spring Meeting Summary
March 6, 2008**

Participants:

Elise Allison, Theta Pro2Serve
Management Co.

Derek Skene, Alpha Trac

Mark Brynildson, SNL-Livermore

Randy Castillo, SNL-Albuquerque

Kathy Ertell, PNNL

Dave Freshwater, DOE HQ

Steve Harris, LLNL

Jeffrey Hieb, Hanford Site

Dan Marsick, DOE HQ

Jim Morgan, SRS

Josh Silverman, DOE HQ

Leslie Soderquist, CH2M-WG Idaho, LLC

Jonathan Tapia, LANL

Bill Von Holle, DFNSB

Jim Woodring, Argonne

Helena Whyte, LANL

1. Welcome and Safety Moment

Jim Morgan welcomed the group and briefly reviewed the Lessons Learned on propane cylinders that had been discussed during the last conference call and previously distributed via email.

2. Debrief on 2008 EFCOG/CLSM Chemical Safety Workshop

Jim extended his thanks and appreciation to all who worked to make this year's Chemical Safety Workshop a big success.

The group discussed what went well during the Workshop and what could be improved for next year. Positives included good attendance in the Forrestal auditorium and wider participation via remote video conferencing links to the sites, the broad variety of topics presented and discussed, including control banding, update on the Global Harmonization Standard, and the gas cylinder management talk. We also received good feedback on the presentation by Shawn Dolan on the DOD Chemical Management System as well as the training on chemical storage myths and realities on Day 2. It was suggested that next year we start the training session a little later at 9 am to increase participation. There was some feedback that the 10 CFR 851 requirements presentation should include more specifics. Jim suggested reserving the third day at next year's workshop for industrial hygiene and beryllium discussions. Some felt that a technical session on nanotechnology should be included in the Workshop as there continues to be significant interest and issues in this area.

There were a number of general suggestions to improve the Workshop, including more advertising to broaden appeal, sending DVDs of Workshop proceedings to line managers, obtaining vendor sponsorships, and possible use of a smaller auditorium for some sessions to facilitate greater interaction and discussions. New projects

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should be brainstormed before the Workshop so participants have time to review prior to discussing them.

3. Fall 2008 Semi-Annual EFCOG Meeting

Preliminary planning for the Fall 2008 Semi-Annual EFCOG meeting has begun. The ES&H Executive Committee is considering the second or third week of October with possible meeting locations including Argonne National Laboratory or DOE-Las Vegas.

4. CSLM Project Updates

Proposed Technical Standard for Conducting Chemical Inventories

Development of the technical standard for measuring chemical inventory accuracies was discussed with regard to whether a stand-alone document should be prepared or whether the document should be a supplement or appendix to the Chemical Management Handbook.

Jim suggested developing a white paper first, with the goal being to identify required inventory accuracy elements by this fall followed by a more comprehensive description of the proposed approach by the spring meeting. The team is composed of Mark Brynildson, Randy Castillo, Kathy Ertell, Judy Fulton, Steve Harris, Jim Morgan, John Peters, Leslie Soderquist, and Jonathan Tapia. Kathy Ertell has access to a statistician who may assist.

Documents and Technical Publications

Volume 3 of the Chemical Management Handbook (Dave Quigley) has been revised and is in RevCom.

Helena Whyte reported that the Technical Publications Team has three publications in process (including two papers on determining toxicity and fire hazard/reactivity in the absence of data, and a review paper on chemical substitution). She recommended that the Team pause its' work after completing their latest paper on reproductive toxins goes to print, since the team members will also be working on the technical standard for conducting chemical inventories. She also expressed some concern that there hasn't really been any new information on this topic since 1996, and perhaps we should delay further effort in order to benefit from changes brought about by the REACH implementation in Europe.

Chemical Hazards Database

Dave Freshwater reported out on the chemical hazards database initiative and progress made to date. It has been a challenge to properly frame and scope this initiative in order to attract DOE sponsorship and gain traction. Key issues include what fields to incorporate into the database, what will be the process for validating

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the data, who will manage the data, should MSDSs be included, and how should the data be harvested?

The option for using existing SRS chemical hazard data was discussed, and it was agreed that next steps would include:

- A list of essential and secondary chemical hazard data fields will be developed
- A business flowchart will be developed identifying how data will be received from the sites, and how it will be reviewed and validated. The procedure for modifying existing data will be developed, with emphasis on NFPA Health Hazard ratings.

5. EO13423 Implementation

Josh Silverman updated the Group regarding comments to proposed DOE Order 450.1A revisions. He suggested that a couple of sustainable practice compliance guides being developed to aid the sites in implementing EMS. Josh, Kathy, and Jim volunteered to work on this task and to look at various means for disseminating EO13423 guidance. Josh is looking for successful examples of individual sites significantly reducing their use of toxic chemicals through substitution or other means. The question was raised whether these examples should be incorporated into the Chemical Management Handbook. Helena and Dave Quigley will work to develop a flowchart for the steps to follow in choosing chemical substitutes.

6. General Discussion and Suggestions

There was some discussion regarding how to improve the dissemination of CSLM tasks, issues, and accomplishments among the DOE sites. One suggestion was to include CSLM information in communications with ES&H contacts via the quarterly newsletter, or perhaps via a technical standards newsletter.

It was suggested that the Group also assess what DOE sites are not currently participating in CSLM functions to and follow up with them to encourage participation.

Jim requested that that Group start thinking about putting together the Group charter and planning for leadership succession. We all agreed that we already had a charter and he was doing a fine job leading the CSLM Group. No further action required.