

Chemical Safety and Lifecycle Management Task Group Task Group Report May 2-3, 2007

The Chemical Safety and Lifecycle Management (CSLM) Task Group met at the Atlanta Airport Marriott May 2-3, 2007. Eighteen attendees representing DOE/NNSA (2), the national laboratories (including Lawrence Livermore (1), Los Alamos (1), Pacific Northwest National Laboratory (1), and Sandia (2)), as well as representatives from Savannah River (5), SLAC (1), Y-12 (1), AlphaTRAC Inc. (2), and Institute of Nuclear Power Operations (2) participated in the one and a half day meeting.

The agenda included a welcome by Jim Morgan, the CSLM Chairperson, and a review of current CSLM projects and their status by Kathy Ertell. Josh Silverman, HS-21, presented an update on the toxic chemical use reduction provisions of Executive Order 13423, and Helena Whyte reported out on the publication team's effort to develop chemical substitution resource references. Reed Hodgkin from AlphaTRAC reviewed his firm's findings from the recent evaluation of chemical inventory systems used within DOE and how these systems support emergency management. The afternoon session was dedicated to site presentations on chemical management systems used at each facility, with a good cross-section of speakers from facilities who have developed their systems in-house, as well as those who have purchased commercial packages that have been customized to meet business requirements. Butch Byers described the vendor-supplied chemical management services model they use at SLAC.

The group continued their chemical management system presentations on Thursday morning with Jim Morgan discussing CSLM at Savannah River. There was general agreement that the chemical management system presentations were useful, and that perhaps we should include presentations on other systems at our next meeting.

The CSLM Task Team confirmed the following tasks still to be worked:

- Complete benchmarking effort
- Foster collaborative efforts with related EFCOG teams
- Continue to develop CSLM-related technical publications
- Explore the possibility of developing a consolidated chemical hazard rating system for the DOE community utilizing NFPA, Building Code, and Global Harmonization Standard elements

The task group completed our discussions with brainstorming topical ideas for 2008 Chemical Safety Workshop. We would like to include a technical training session, perhaps in the morning when there will be fewer individuals teleconferencing in (due to time zone) that would be taped for rebroadcast later in the afternoon. A tentative conference schedule was discussed but no firm conclusions made. There were numerous suggestions on other potential topics, including talks on chemical substitution, RFID, the benchmarking results, emergency management, and several others. The meeting was concluded with a discussion regarding whether the CSLM task group should consider combining the workshop with one of our semi-annual meetings to reduce travel costs and increase effective use of time.