

## **HASC Chemical Screening Working Group** **Charter**

An effective screening process reduces the number of hazardous materials unnecessarily subjected to detailed quantitative analysis for emergency planning purposes. This allows emergency management resources to be focused on analyzing materials whose release could cause a hazard significant enough to warrant specific consideration in an Operational Emergency Hazardous Material Program at Department of Energy (DOE) and National Nuclear Security Administration (NNSA) sites. Screening of chemicals, however, is not always straightforward; different approaches can yield results that vary widely in effectively identifying candidate inventories of hazardous materials that may produce Operational Emergencies. To assist the DOE and NNSA community in effectively addressing chemical screening issues, the DOE Hazards Assessment Subcommittee (HASC) is establishing a Chemical Screening Working Group (CSWG).

The CSWG shall provide a collaborative forum for DOE/NNSA and its contractors with common interests regarding chemical screening criteria. Examples of areas of interest to the CSWG include:

- Prescreening using inventory tracking systems
- "PAC-30" screening approach
- Chemical waste constituent screening approaches
- Alternative methods for determining chemical hazards

The purpose of the CSWG shall be to identify and develop sound methodology for resolving chemical screening issues and to promote a consistent approach to chemical screening throughout the DOE/NNSA complex. An important role of the CSWG will be to develop and analyze various screening approaches that could be used by the complex to more effectively and efficiently identify hazardous materials whose actual or potential release could cause an Operational Emergency requiring classification. In addition to addressing technical chemical screening issues, the CSWG shall:

- Foster communication and mutual support relative to chemical screening issues among all DOE and NNSA sites;
- Monitor and support communication with other Federal and state agencies, academia, and professional organizations pertaining to chemical screening-related information;
- Promote innovative and streamlining techniques for chemical screening processes;
- Research, compile, and standardize, as applicable, information used for screening of chemical hazards (e.g., NFPA Health Hazard Rating, physical properties, etc.).

The CSWG Chair shall be a contractor or subcontractor employee at a DOE or NNSA site working in the area of technical planning basis. The CSWG Chair shall be appointed and serve at the discretion of the HASC Chair and the DOE Office of Emergency Management's CSWG advisor. A Vice-Chair may be appointed to assist the Chair in performing working group administrative and managerial duties.

CSWG membership shall consist of representatives from DOE and NNSA sites as well as from DOE Headquarters. Representatives may be contractor or subcontractor employees or DOE oversight staff. CSWG membership shall be open to:

- DOE/NNSA Headquarters, site office, or site contractor staff members with responsibilities in emergency planning/technical planning basis, consequence assessment modeling, chemical exposure, or emergency management programs;
- HASC members who are interested in chemical screening issues. Representation on the CSWG should include members from the HASC. In addition, membership should also include interested members from the Subcommittee on Consequence Assessment and Protective Actions (SCAPA) and its various working groups, including Consequence Assessment Modeling, Chemical Exposures, Source Term, and Chemical Mixtures. Multidisciplinary representation is needed to address the many intricacies associated with screening of chemical hazards. To this end, joint activities with other working groups are encouraged; and
- Members of other organizations that are involved in assessment of chemical hazards may be invited to participate in the CSWG by the working group's Chair, the Chairs of other HASC or SCAPA working groups, or the DOE Office of Emergency Management working group advisor.

The CSWG shall maintain regular communication among its members. The working group shall conduct a minimum of three conference calls (or other virtual meetings) per year and, as needed, shall convene a meeting during the week of the HASC Annual Meeting.

The CSWG shall communicate its activities to HASC on a regular basis. The Chair, Vice Chair, or a designated member of the Working Group shall report on group activities during each of HASC's regularly-scheduled conference calls and provide a summary presentation of working group activities and accomplishments at the HASC Annual Meeting.