



Emergency Management Issues (EMI)
Special Interest Group (SIG)
Hazards Assessment Subcommittee (HASubC)

Highlights

HAZARDS ASSESSMENT SUBCOMMITTEE TELECONFERENCE 09-03

Wednesday, June 17, 2009; 2:00 PM EST/1:00 PM CST/Noon MST/11:00 AM PST

Participants:

Denny Armstrong, WSMS
Brian Baumann, Fluor-Hanford
Bud Bucci, Fluor-Hanford
Dorothy Cohen, ORISE
Dave Freshwater, NA-41
Gerry Gibeault, INL
John Harris, DOE/OROO
Aprill Jivelekas, WSMS Mid-America
Thad Kedzierski, LLNL
Vickie Locklair, NA-43
Carl Mazzola, Shaw Environmental
Mister McDonald, NTS
Mike O'Keefe, NTS
Shana Peterson, Y-12
Bill Possidente, NTS
Jim Powers, NA-41
Brad Salmonson, INL
Lori Thomas, NA-41
Michele Wolfgram, WSMS Mid-America
Jamie Wright, Y-12

Teleconference Highlights

I. Roll Call

Michele Wolfgram conducted a roll call and noted that 20 individuals from 6 DOE/NNSA locations involved with the Hazards Assessment Subcommittee (HASubC) were present. Michele led the teleconference since Ken Young, the new HASubC Chairman, had a conflict.

II. Administrative Matters

- The highlights from the April 15, 2009 teleconference were accepted as presented and will be posted on the HASubC website.



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- Michele indicated that the three main goals for the HASubC are listed in the charter which is posted on the HASubC web page and Ken Young wants to focus on those items for the May 2009--May 2010 period. In addition, Ken has additional personal goals which include designating a co-chairperson, benchmarking hazard surveys, and improving the use of SharePoint, or equivalent, for better subcommittee member connectivity.

III. Action Item Update

Three (3) Action Items (AIs) are presently open and will be discussed during today's teleconference.

IV. Old Business

AI 08-04: Hazards Assessment Subcommittee Website: During previous teleconferences, Gerry Gibeault indicated that much of the HASubC website information is outdated and proposed to work with ORISE to update it. He continues to work with Dorothy Cohen to resolve this. Carl Mazzola suggested that Gerry contact Cliff Glantz who has been effectively managing the SCAPA and DMCC websites for additional concepts and ideas. **CONTINUING ACTIVITY**

AI 09-01: Dilute gas mixtures screening effects: During a previous teleconference, Jim Jamison asked whether screening dilute gas mixtures that consist mostly of inert gases and trace quantities of gases having an NFPA HHR of 3 or 4 could be screened out. Wayne Davis had agreed to draft an FAQ on this technique for HASubC and NA-41 review. Wayne was unavailable for this meeting, but did discuss this in further detail at the HASubC meeting on May 4, 2009. **CONTINUING ACTIVITY**

AI 09-02: Water treatment chemicals (cyclohexylamine): Before a previous teleconference, Gerry had sent out a draft paper for review and discussion since there is no clear guidance to include or exclude this material from EPHAs. Gerry mentioned that he will send out a second draft to the HASubC for peer review after incorporating some suggestions he received at the EMI SIG meeting. He also plans to consult with SCAPA CEWG Chairman, Doug Craig, on any toxicological aspects. **CONTINUING ACTIVITY**

 <p>EMERGENCY MANAGEMENT ISSUES SPECIAL INTEREST GROUP</p>	<p>Emergency Management Issues (EMI) Special Interest Group (SIG) Hazards Assessment Subcommittee (HASubC)</p>
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V. New Business

May 4, 2009 HASubC meeting at the EMI-SIG Meeting: Gerry reviewed the successful HASubC meeting in San Francisco, California last month. Presentations included the Automated Job Hazard Analysis (AJHA) which is being used at Hanford, benchmarking hazard surveys across DOE/NNSA sites, mixed waste screening analysis, and the screening of dilute gas mixtures. All of these presentations are posted on the HASubC web site. Gerry also complimented the HOTSPOT 2.07 Workshop and Computer Practicum which was held on Friday, May 7, 2009.

Authorized Type B Shipments: Lori Thomas inquired on the effect of 69 FR 3632-3698 which made DOT 6m drums no longer authorized for Type B shipments after October 1, 2008; since this matter may need to be addressed as part of DOE 151.1D preparation. Michele indicated that no NNSA/DOE sites appear to be impacted by this limitation and it is still believed that this ruling should not have an adverse effect on Emergency Preparedness Hazards Assessments (EPHAs) or hazards surveys. Gerry Gibeault referred to an existing FAQ, "Spent Nuclear Fuel Screening" that NA-41 issued to provide guidance on this subject.

ALOHA 5.4.1 and HOTSPOT Training: Lori Thomas asked if there is any planned training on the ALOHA 5.4.1 and HOTSPOT codes. Carl Mazzola mentioned that there is training planned by the Emergency Operations Training Academy (EOTA) at Los Alamos National Laboratory (LANL) the week of August 17, 2009. Contact Peter Martin (EOTA) for more information.

DOT Shipping Compliance: Mike O’Keeffe inquired what other DOE/NNSA sites are doing regarding shipments of hazardous materials that are temporarily onsite relative to including them in EPHAs, revising Emergency Action Levels (EALs) and establishing Emergency Planning Zones (EPZs). Gerry Gibeault stated that at INL, a position has been taken that the EPZ does not need to be extended. In addition, NA-41 has issued a FAQ on this subject. John Harris shared that if the shipment is onsite for more than a day or so, and is more than laboratory-scale, it should be counted in the site inventory and an Unidentified Safety Question (USQ) evaluation needs to be performed to see if it affects the EALs. John recommended that aggregate amounts be used, not individual containers.

VI. Round Robin Discussion

Michele asked if any site wished to share projects and/or issues during the roundtable discussion period. None occurred.



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VII. Adjournment

The teleconference was adjourned at **2:39 p.m. EDT**. Michele thanked everyone for their time and contributions.

VIII. Next HASub Conference Call

The next HASubC teleconference will be scheduled on **Wednesday, August 19, 2009** at **2:00 pm EDT**.

IX. HASubC Action Item Status

No new AI was opened and none was closed. The total number of open AIs remains at 3.

The color-coding system used in the teleconference highlights are as follows:

- Existing AIs that are not closed are green.
- New AIs are yellow.
- AIs to be closed are blue.