



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

Highlights

HAZARDS ASSESSMENT SUBCOMMITTEE TELECONFERENCE 09-02

Wednesday, April 15, 2009; 2:00 PM EST/1:00 PM CST/Noon MST/11:00 AM PST

Participants:

Brian Baumann	Fluor-Hanford
Dorothy Cohen	Oak Ridge Institute for Science and Education (ORISE)
Gerry Gibeault	Idaho National Laboratory (INL) (Chairman)
John Harris	Department of Energy/Oak Ridge Operations (DOE/ORO)
Jim Jameson	Science Applications International Corporation (SAIC)
April Javelekas	Washington Safety Management Solutions (WSMS) Mid-America
Jeff Long	Oak Ridge National Laboratory (ORNL)
Carl Mazzola	Shaw Environmental
Mister McDonald	Nevada Test Site (NTS)
Mike O'Keeffe	NTS
Bill Possidente	NTS
Jim Powers	Department of Energy/National Nuclear Security
Administration	(DOE/NNSA) Office of Emergency Management &
Policy (NA-41)	
Brad Salmonson	INL
Kerry Ward	INL
Michele Wolfgram	WSMS Mid-America
Ken Young	Lawrence Livermore National Laboratory (LLNL)

Teleconference Highlights

I. Roll Call

Gerry Gibeault conducted a roll call and noted that 16 individuals from five DOE/NNSA locations involved with the Hazards Assessment Subcommittee (HASubC) were present.

II. Administrative Matters

The highlights from the February 18, 2009 meeting were accepted as presented and will be posted on the HASubC website for examination.

III. Action Item (AI) Update

Three AIs are presently open and will be discussed during today's teleconference.



**EMERGENCY
MANAGEMENT
ISSUES**

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

Highlights

HAZARDS ASSESSMENT SUBCOMMITTEE TELECONFERENCE 09-02

Wednesday, April 15, 2009; 2:00 PM EST/1:00 PM CST/Noon MST/11:00 AM PST

IV. Old Business

AI 08-04: Hazards Assessment Subcommittee Website: During previous teleconferences, Gerry Gibeault indicated that much HASubC website information is dated and proposed to work with ORISE to update it. He will work with Dorothy Cohen at EMI SIG meeting to resolve this. **CONTINUING ACTIVITY**

AI 08-07: Authorized Type B Shipments: During previous teleconferences, Jeff Long reported that DOT 6m drums, 20 WC containers, 21 WC containers would no longer be authorized for Type B shipments after October 1, 2008, per 69 FR 3632-3698. It was believed that this ruling would not have an adverse effect on Emergency Preparedness Hazards Assessments (EPHAs) or hazards surveys. Mike O’Keeffe had shared that these documents were old and agreed to look further into this issue. Gerry Gibeault referred to an existing Frequently Asked Question (FAQ) “Spent Nuclear Fuel Screening” that provides some guidance on this subject. It was decided to close this item and reopen it if new information or new issues emerge. **ACTIVITY CAN BE CLOSED.**

AI 09-01: 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 National Fire Protection Agency (NFPA) Health Hazard Rating (HHR) of 3 or 4 was like a recently issued FAQ. Wayne Davis had mentioned that the particular FAQ referenced was for hydrochloric acid and had agreed to draft an FAQ on this technique for both HASubC and NA-41 review. Wayne was unavailable for this meeting. This topic will be discussed further at the HASubC meeting on May 4, 2009 in San Francisco, CA. **CONTINUING ACTIVITY**

V. New Business

May 4, 2009 HASubC meeting at the EMI-SIG Meeting: Gerry reviewed the proposed HASubC meeting agenda which is scheduled to begin at 8:00 am and end at 11:30 am.

Next year’s HASubC Chairman: Ken Young is currently serving as the HASubC Co-chair. According to past practice, the co-chair takes the chair position at the end of the EMI SIG annual meeting; however, the HASubC charter leaves open the opportunity to consider and vote on new nominations for both the HASubC chair and co-chair positions. If no additional nominations are submitted for the HASubC Chair, Ken will assume the position for the May 2009-May 2010 period.


**EMERGENCY
MANAGEMENT
ISSUES**

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

Highlights

HAZARDS ASSESSMENT SUBCOMMITTEE TELECONFERENCE 09-02

Wednesday, April 15, 2009; 2:00 PM EST/1:00 PM CST/Noon MST/11:00 AM PST

To date, no one has volunteered to fill the co-chair position for the coming year. Interested members are encouraged to submit their names with the understanding that the co-chair steps into the chair position in the second year.

Gerry will send an e-mail to the Hazards Assessment Subcommittee Discussion Listserv Distribution List to inform members of the upcoming elections and to invite interested members to submit nominations.

AI 09-02: Water treatment chemicals (Cyclohexylamine): Earlier, Gerry had sent out a draft paper for review and discussion since there is no clear guidance on whether to include or exclude this material from EPHAs. Jeff Long mentioned that he has had a similar issue with biocide chemicals. John Harris suggested that a case for a decision should be developed and presented to management for approval. Jim Jamison and others suggested a weight-of-evidence approach. This approach could consider many factors, including the material's treatment in the Emergency Response Guide Book (whether the material poses an airborne threat to first responders or not), and, possibly, an investigation of the NFPA HHR 3 toxicology. In addition, the analyst should consider the basis for the NFPA HHR 3 rating on the label and the Material Safety Data Sheet (MSDS). Gerry will beef up the closing argument in his paper and send it out to the HASubC for peer review. He also plans to consult with Doug Craig, Chairman of the Subcommittee on Consequence Assessment and Protective Actions Chemical Exposures Working Group (SCAPA CEWG), on the toxicological aspects. **CONTINUING ACTIVITY**

ALOHA 5.4.1.1 and EPICODE Software Quality Assurance (SQA): Kerry Ward noted that the latest version of ALOHA does not have the full compliment of SQA documentation, even though ALOHA is an accepted toolbox code by the DOE Office of Health Safety and Security (DOE/HS) Central Registry. To meet the SQA requirements of DOE O 414.1C *Quality Assurance* and DOE G 414.1-4 *Safety Software Guide for Use with 10 CFR 830, Subpart A, Quality Assurance Requirements*, he has developed Emergency Management Calculations (EMCs) to duplicate test cases in ALOHA documents. INL offered to share this work with the other sites. Michele Wolfgram suggested an interface with the SCAPA Consequence Assessment Modeling Working Group (CAMWG).

VI. Round Robin Discussion

ORNL: Jeff Long indicated that ORNL is still in corrective action mode regarding the findings of the Office of Emergency Management Oversight (HS-63) fall 2008 assessment. Its closure plan of January 2009 is being implemented. Carl Mazzola discussed the March 24-25, 2009 DMCC Assist Visit, which had 24 observations and recommendations.



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

Highlights

HAZARDS ASSESSMENT SUBCOMMITTEE TELECONFERENCE 09-02

Wednesday, April 15, 2009; 2:00 PM EST/1:00 PM CST/Noon MST/11:00 AM PST

VII. Adjournment

The teleconference was adjourned at **2:44 p.m. EST**. Gerry thanked everyone for their time and contributions.



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

Highlights

HAZARDS ASSESSMENT SUBCOMMITTEE TELECONFERENCE 09-02

Wednesday, April 15, 2009; 2:00 PM EST/1:00 PM CST/Noon MST/11:00 AM PST

VIII. Next HAS Conference Call

The next HASubC teleconference will be scheduled on **Wednesday, June 17, 2009** at **2:00 pm EDT**.

IX. HAS Action Item (AI) Status

One new AI was opened and one AI was closed. The total number of open AIs is 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; and,
- AIs to be closed are blue.