



## Highlights

### HASC Teleconference 11-02

#### April 20, 2011; 2:00 p.m. EDT

#### Participants

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Maureen Alai, LLNL NARAC  
Denny Armstrong, URS SMS SRS  
Bud Bucci, Hanford  
Dorothy Cohen, ORISE  
Diana De la Rosa, SNL  
Leon Duquella, DOE/OR  
Dave Freshwater, NA-41  
Jim Jamison, SAIC  
Carl Mazzola, Shaw Environmental

Shana Peterson, Y-12  
Phil Pfeiffer, INL  
Jim Powers, NA-41  
Brad Salmonson, INL  
Joe Terranova, BNL  
Kerry Ward, INL  
Michele Wolfgram, ORNL  
Ken Young, LLNL

#### Roll Call and Welcome

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Ken Young, HASC Chairman, welcomed everyone to the Committee's last conference call before the 2011 EMI SIG Meeting and conducted a roll call. Ken noted that 17 individuals from nine DOE/NNSA locations involved with HASC were present.

#### Old Business

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##### **AI 09-01–Diluted gas mixtures screening effects (Activity can be closed.)**

**Diluted gas mixtures screening effects:** A final version of a position paper associated with diluted gas mixtures screening effects developed by Wayne Davis is ready to be posted on the website

##### **AI 10-01–Determining dispersible amounts using vapor pressures (Continuing activity)**

Chuck Rives developed an EPA screening technique spreadsheet for potential liquid hazards using vapor pressure criteria and a position paper to describe the purpose and results of this analysis. It will be posted for final HASC review and also presented at the May 2, 2011 HASC Meeting

##### **AI 10-02–Fire-Propagated Plume Modeling (Continuing activity)**

Ken Young collaborated with Steve Homann to develop a critical review of modeling fire phenomenology that has many hard-to-define variables, looking into work that other organizations are doing on fire modeling effects. Ken will also present this work at the May 2011 HASC Meeting at EMI SIG.

#### New Business

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Michele Wolfgram will replace Ken Young as HASC chairperson for the May 2011–April 2012 period.



## Hazards Assessment Subcommittee (HASC)

Carl Mazzola mentioned that due to the NARAC work on the Fukushima Dai-ichi emergency response, the May 5, 2011 HOTSPOT 2.07 workshop has been postponed. It is now targeted for inclusion in the next NARAC training session, the week of September 12, 2011.

Dorothy Cohen provided a last-minute briefing on the upcoming EMI SIG Meeting activities.

### Round Robin

Site	Representative	Discussion
ANL	None	No repor.
BNL	Joe Terranova	New EPHA being developed Preparing for Active Shooter exercise
EOTA	None	No report
Hanford	Bud Bucci	Updating EPHAs
INL	Kerry Ward	New construction to the EOC almost completed
LANL	None	No report
LBNL	None	No report
LLNL	Ken Young	New consequence assessment personnel Annual exercise end of May
NARAC	Maureen Alai	Significant emergency response support at Fukushima Dai-ichi
NNSS	None	No report
ORNL	Michelle Wolfgram	Preparing for Full Participation Exercise Victimized by cybersecurity attack last week. Developing lessons learned
Pantex	None	No report
SNL	Diana De la Rosa	Updating EPHAs Performing a hazard survey at SNL-California Joining SNL-California in its annual exercise
SRS	Denny Armstrong	Revising hazard surveys and EPHAs for liquid waste organization
Y-12	Shana Peterson	Updating hazard surveys, EPHAs and EALs Preparing for full scale exercise

### Adjournment

The teleconference was adjourned at **1:22 p.m. EDT**, and Ken thanked everyone for participating. The next HASC teleconference is scheduled for **Wednesday, June 15, 2011**, at **2:00 p.m. EDT**.



### HASC Action Item Status

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No new AIs were opened, and one was closed, leaving two open.

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

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