



Highlights

HAZARDS ASSESSMENT SUBCOMMITTEE TELECONFERENCE 07-02 WEDNESDAY April 18, 2007; 2:00 PM Eastern Daylight Time

Participants:

Lezlie Aller, IDEQ
Larry Campbell, Hanford
Dorothy Cohen, ORISE
Bob Cornish, OST
Dave Freshwater, SAIC
Jerry Gibeault, INL
John Harris, DOE/OR
Jim Jamison, SAIC
Vicki Locklear, NA-43
Jeff Long, ORNL, Co-Chairman
Pete Matonis, INL
Carl Mazzola, Shaw Environmental
Rocky Petrocchi, WGI
Bill Possidente, NTS
Chuck Rives, Pantex, Chairman
Judy Ryland, ORISE
Brad Salmonson, INL
Bob Thorson, ICP
Kerry Ward, INL
Michele Wolfgram, WSMS Mid-America

Teleconference Highlights

I. Roll Call

Chuck Rives conducted roll call, 20 individuals from eight DOE/NNSA locations involved with the Hazards Assessment Subcommittee (HAS) were present.



Highlights

HAZARDS ASSESSMENT SUBCOMMITTEE TELECONFERENCE 07-02

WEDNESDAY April 18, 2007; 2:00 PM Eastern Daylight Time

II. Administrative Matters

There were no administrative matters requiring discussion.

III. Action Items (AIs)

Chuck Rives and Jeff Long led a discussion on the seven active action items.

AI 06-08: A significant part of this teleconference was focused on the remaining work required for planning the HAS May 7, 2007 meeting in San Antonio, Texas, prior to the EMI SIG meeting. Chuck Rives reviewed the 4-hour meeting agenda items he prepared. A few adjustments were made, including the addition of a second break. The program was determined complete.

ACTIVITY CAN BE CLOSED OUT.

AI 06-01: During previous teleconferences, Chuck Rives discussed a power point presentation on consequence assessment which was placed on the HAS list serve on January 10, 2006. A second draft is now on the HAS list serve for review and comment. The goal of this task is for this presentation to be an HAS product that is used by all DOE/NNSA sites. The target audience is professionals with minimal background in the technical topic. Chuck has issued a final draft which is ready for the EMI SIG meeting. **ACTIVITY CAN BE CLOSED OUT.**

AI 06-02: During previous teleconferences, Chuck Rives initiated discussion of the crosswalk for all hazards assessment interfaces with the December 20, 2005 draft Emergency Management Guides (EMGs) product; a quick reference document for identifying customer expectations. Each element in the crosswalk contains a statement describing an action that needs to be performed. HAS members, including Wayne Davis, Michele Baker, Carl Mazzola, Jeff Long, Jerry Gibeault, Bob Cornish, Diane Senutovitch, and Susan Vosburg are participating in this effort. Chuck indicated, although many segments have been completed, recent revisions to some of the EMGs have made some of the information obsolete. Jim Powers recommended that the HAS wait until the final version of the EMGs are issued. Presently, the Revision/Comments (Rev/Com) deadline is February 28, 2007. Most comments received so far have not been of the onerous variety. NA-41 has 30 days to resolve the comments. This will be a good discussion topic for the May 7, 2007 HAS meeting. No further discussion at this teleconference. **ACTIVITY PROCEEDING.**



Highlights

HAZARDS ASSESSMENT SUBCOMMITTEE TELECONFERENCE 07-02

WEDNESDAY April 18, 2007; 2:00 PM Eastern Daylight Time

AI 06-04: During a previous teleconference, Carl Mazzola and Larry Campbell reported on work they and four other professionals were accomplishing in the process of evaluating the HOTSPOT code for inclusion as the 8th model into the DOE Central Registry toolbox as a safe harbor code. The report was issued earlier this month and indicated that HOTSPOT will be accepted in the toolbox once significant actions identified in the gap analysis are closed out. This is anticipated on or around September 30, 2007, concurrent with the release of HOTSPOT Version 2.07. **ACTIVITY CAN BE CLOSED OUT.**

AI 06-05: During a previous teleconference, Jeff Long led a discussion on the use of “case books” for pre-determined inputs of initial worst case plume models in the EOC/TSC during drills and exercises or actual events based on EPHA worst case scenarios. Jeff Long developed a lessons learned best practice statement on the use of “case books.” No further discussion during this teleconference. **ACTIVITY PROCEEDING.**

AI 06-06: During a previous teleconference, Megan Eastment discussed the survey of hazards tasks that she is performing for DOE NA-41 (i.e., Support-Chemical Inventory System Evaluation). The scope of the tasks are to: (1) produce inventory system analysis results that can be used by DOE sites to improve emergency planning processes; (2) identify lessons learned across the complex, uncovering strengths and weaknesses of systems and how sites have dealt with problems in their systems; (3) produce a set of best practices for inventory system set-up and management, as well as the adaptation of existing inventory systems and data for application to emergency management; and, (4) establish a mechanism for information sharing among field sites by identifying specific points of contact for solutions and best practices. Megan will be emailing questionnaires and canvassing 15 sites. Visits to BNL, SRS, SNL-NM, PNNL, and LANL will also be carried out. Information gathered from this survey will be analyzed to establish an inventory configuration best practice for all sites and a mechanism for sharing chemical inventory information. No additional discussion during this teleconference. **ACTIVITY PROCEEDING.**



Highlights

HAZARDS ASSESSMENT SUBCOMMITTEE TELECONFERENCE 07-02

WEDNESDAY April 18, 2007; 2:00 PM Eastern Daylight Time

AI 06-07: During a previous teleconference, Gerry Gibeault inquired how a hazards survey can demonstrate that the site is appropriately implementing applicable federal, state, and local laws and regulations. Gerry has developed a white paper on this topic and will be using it as an addendum to a hazard survey that is presently being developed. Larry Campbell stated the list could be longer than the hazards survey, since there are numerous regulations. He asked if it were wise to list them all. Chuck Rives said that he has developed a spreadsheet which looks like an S/RIDs list. Jeff Long indicated that this is one model for implementation. It was decided to review the document and share with the other NNSA/DOE sites. Each of these sites can then develop its own site-specific version. No further discussion during this teleconference.

ACTIVITY PROCEEDING.

IV. New Business

There was significant discussion on how to work with EPHA documents as a bridge to Emergency Action Levels (EALs).

- Larry Campbell indicated that for all Hanford EALs, their basis is traceable to at least one technical document (e.g., EPHA).
- Chuck Rives mentioned that EAL indicators are sometimes fuzzy and may have more than one component. Jim Jamison acknowledged this and stated that this was likely unavoidable sometimes and the solution may be the EAL developer.
- Jeff Long emphasized that ORNL emergency management doesn't write the EALs. Line management is responsible for the information, at the bottom portion of the EPHA document is a section that identifies possible EALs.
- Michele Wolfgram mentioned that all of the EPHAs at Oak Ridge required rework to meet the present order requirements.
- John Harris stated that EALs should be symptom-based and not event-based and that the information should be put in the simplest form possible. Moreover, it is important to get together with incident responders to find out what information they need to respond in a proper manner.



Highlights

HAZARDS ASSESSMENT SUBCOMMITTEE TELECONFERENCE 07-02

WEDNESDAY April 18, 2007; 2:00 PM Eastern Daylight Time

- Lezlie Aller stated that the State of Idaho uses the ERG Emergency Response Guidebook. No action item was established although more discussion of the EPHA-EAL link is likely.

Several of the DOE/NNSA site representatives discussed its emergency planning for offsite movement of radioactive materials and the interaction with OST.

V. Round Robin Discussion

Chuck Rives led the round robin discussion:

Pantex: Chuck Rives mentioned that Pantex is revising internal procedures and developing a chemical inventory system. He indicated that a new hazard analyst has been added to his staff.

ORNL: Jeff Long stated that ORNL has recently conducted three significant drills as part of getting ready for bringing the High Flux Isotope Reactor (HFIR) back online.

Hanford: Larry Campbell indicated that Hanford is performing an update of its EPHAs to get them more in line DOE O 151.1C.

OST: Bob Cornish related that OST received several findings with respect to a recent DOE/HS-63 audit and is busy addressing these findings and developing corrective actions. Bob also mentioned that Scott Copper has joined the OST emergency planning team.

OROO: John Harris stated that he is busy closing out a DOE/HS open item associated with the evaluation of personnel and is approximately 75% complete with this task.

VI. Next HAS Conference Call

Chuck Rives brought for discussion the question of the date and time for the next HAS conference call. This will be discussed during the May 7, 2007 HAS Meeting in San Antonio. It will more than likely be scheduled for **Wednesday, July 18, 2007 at 2:00 pm Eastern Daylight Time.**



Highlights

HAZARDS ASSESSMENT SUBCOMMITTEE TELECONFERENCE 07-02

WEDNESDAY April 18, 2007; 2:00 PM Eastern Daylight Time

VII. Adjournment

The teleconference was adjourned at **2:54 p.m. EST**. Chuck and Jeff thank everyone for their time and contributions.

VIII. HAS Action Item (AI) Status

No new action items were opened and three action items were closed as a result of the discussion during the teleconference. There are now four open action items.

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

- Active AIs are green
- New AIs are yellow
- Closed AIs are blue