



Highlights

HAZARDS ASSESSMENT SUBCOMMITTEE TELECONFERENCE 07-06

Wednesday, December 19, 2007; 2:00 PM Eastern Daylight Time

Participants:

Brian Baumann, Fluor Hanford
Larry Campbell, Fluor-Hanford
Wayne Davis, WSMS
Gerry Gibeault, INL
Courtney Haggard, WSMS Mid-America
Roger Hale, Y-12
John Harris, OROO
Jim Jamison, SAIC
Jeff Long, ORNL (Chairman)
Greg Martin, SAIC
Pete Matonis, INL
Carl Mazzola, Shaw Environmental
Shana Peterson, Y-12
Bill Possidente, NTS
Jim Powers, NA-41
Judy Ryland, ORISE
Brad Salmonson, INL
Kerry Ward, INL
Gary Winner, ANL
Michele Wolfgram, WSMS Mid-America

Teleconference Highlights

I. Roll Call

Jeff Long conducted a roll call and acknowledged that twenty (20) individuals from seven (7) DOE/NNSA locations involved with the Hazards Assessment Subcommittee (HASubC) were present.

II. Administrative Matters

No administrative matters were discussed.



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III. Action Item Update

Jeff Long led a discussion on the open active action item (AI).

AI 06-02: During previous teleconferences, Chuck Rives discussed the December 2005 draft Emergency Management Guides (EMGs) crosswalk, a hazards assessment interface product. The crosswalk is a quick reference document for identifying customer expectations. Each element in the crosswalk contains a statement describing an action that must be performed. The July 11, 2007 revision to the EMGs made some of the information developed in the draft crosswalk obsolete, and the product is in need of an update. Jeff attempted to revive the task but was unable to identify contributing individuals relative to the development of a new draft or to reassigning sections for an update. The Hazard Assessment Subcommittee (HASubC) determined there is no value-added for continuing this effort and the task will be discontinued. **ACTION ITEM IS CLOSED.**

IV. New Business

Jeff Long led a discussion on new business items.

Software Quality Assurance for Consequence Assessment Models; ALOHA, HOTSPOT and EPIcode: Jeff Long indicated he needed a Software Quality Assurance (SQA) Plan for HOTSPOT before he could use the code for future Emergency Preparedness Hazard Assessments (EPHAs) applications. John Harris said the HOTSPOT author, Steve Homann, should have prepared a SQA and Jeff Long actually requires a plan on how he intends to use it. He suggested that a position paper be developed as to when the code can be used.

Larry Campbell stated that HOTSPOT is considered a Commercially Off-the-Shelf (COTS) product at Hanford; their plan requires a functional requirements document because HOTSPOT is a configuration management and Verification and Validation (V&V) product.

Wayne Davis opened a discussion about the gap analysis performed earlier this year by the team evaluating the HOTSPOT code for the DOE/EH Central Registry toolbox. Wayne and Carl discussed the status of five critical items that will not be completed until March 2008. Cliff Glantz's SCAPA toolbox is one solution, but has not been implemented. Jeff will refer the matter to Cliff Glantz, SCAPA Chairman, to develop a position paper on HOTSPOTs' use and also on the path necessary for recent revisions to ALOHA and EPICODE.

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AI 07-01: Shana Peterson shared the recent experience and lessons learned from the Y-12 National Security Complex technical planning basis section of the HS-63 inspection. She said that HS-63 looked at the Emergency Planning Hazardous Assessments (EPHAs) and Emergency Action Levels (EALs). She also stated that the information from each is carried through all emergency management documents. Additionally, HS-63 requested an implementation plan for meeting the requirements of DOE O 151.1C. The Y-12 Hazardous Material Identification Database (HMID) process was identified as a good practice because it integrates key activities of the Y-12 line organizations. Jeff suggested initiating a HS-63 checklist project suggested at the previous teleconference. Larry Campbell said that HS-63 has an assessment manual, but the elements they require are at a very high-level. **ACTIVITY CONTINUING.**

AI 07-02: Jeff discussed ideas for the HASubC meeting at the EMI-SIG Annual Meeting. A lesson learned from last year was that there were too many presentations. He recommended the meeting limit the presentations to twenty (20) minutes. It was stated that this recommendation didn't permit time for questions and answers, nor did it provide time for the presenters to make their points. Carl Mazzola suggested since the DMCC meets for seven hours that day, the HASubC should consider extending its meeting to six (6) hours with thirty (30) minutes for each presentation. Jeff Long will check with Dorothy Cohen as to whether this is possible without conflicting with other event at the EMI SIG meeting. Jeff encouraged subcommittee members to think about different topics they would be interested in presenting at the May 5, 2008 HASubC meeting. It was said, it is time to begin planning in earnest. This will be discussed at the next HASubC teleconference. **ACTIVITY CONTINUING.**

V. Round Robin Discussion

Jeff Long led the round robin discussion segment of the teleconference:

ORNL: Jeff Long indicated that planning has started on ORNL's update for the FY08 HS-63 assessment. Although they are late starting, they are currently updating their hazard surveys.

INL: Gerry Gibeault shared that INL is also updating hazard surveys.

NTS: Bill Possidente said recent NTS EAL revisions using the new format made it easier for end-users. He also stated that symptom-based EALs are better than event-based EALs. INL asked to see the product. Bill Possidente said he will discuss this request with Gerry Gibeault.



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Hanford: Larry Campbell announced he is retiring on January 10, 2008. He thanked everyone for the many years of enjoyable work experiences. He added that Hanford is also in the process of updating its hazard surveys.

SRS: Wayne Davis said the SRS EPHAs are still in the process of being revised. The new policy that requires DOE approval of the EPHAs has contributed to more scrutiny and the need for training sessions for DOE/SR employees.

VI. Next HAS Conference Call

Jeff Long said the next HAS conference call is scheduled for **Wednesday, February 20, 2008 at 2:00 pm Eastern Standard Time.**

VII. Adjournment

The teleconference was adjourned at **2:59 p.m. EST.** Jeff thanked everyone for their time and contributions.

VIII. HAS Action Item (AI) Status

Two (2) new action items were opened and one (1) action item was closed as a result of the discussions on this teleconference. Two (2) open action items were identified during the meeting.

Action items are not opened for simple tasks such as transmission of information from one party to another.

The color-coding system used in teleconference highlights follow:

- Unclosed AIs are green,
- New AIs are yellow, and
- AIs being closed are blue.