



Highlights
STWG Teleconference 10-03
July 14, 2010, 2:00 p.m. EDT

Participants

Wayne Davis, WSMS/SRS	Bill Possidente, NSTec/NTS
Dave Freshwater, NA-41	Jim Powers, NA-41
Cliff Glantz, PNNL/Hanford	Chuck Rives, B&W Pantex
Carl Mazzola, Shaw Environmental	Michele Wolfgram, ORNL
Mike O'Keeffe, NSTec	Jamie Wright, B&W Y-12

Roll Call

The teleconference was called to order after Michele Wolfgram conducted a roll call and acknowledged that ten professionals were present.

Administrative Matters

Annual STWG Meeting: Michele reviewed the highlights of the STWG Annual Meeting that was held on Tuesday, May 4, 2010, 7:00 - 8:00 a.m. PDT.

STWG Web Page: Michele mentioned that the new STWG web page has been completed and is now accessible through EMI SIG SCAPA links.

Old Business

STWG AI 08-01 (*Activity Continuing*)

A draft paper on the DOE TRU Standard (DOE-STD-5506-2007) and its potential applications to Emergency Planning Hazards Assessments (EPHAs) was developed by the STWG and continues to be reviewed by Dr. Jim Powers, NA-41. Jim is seeking a knowledgeable source in DOE/EM to assist him in this review. The final disposition of this item will be made when NA-41 completes its review and its comments are appropriately addressed.

STWG AI 08-02 (*Activity Continuing*)

Jim Jamison has been developing a FAQ since the guide is somewhat silent on how to address the non-radiological vs. radiological health effects issue and will seek STWG review on his draft. Jim was not available on this call to provide an update. He made a presentation on this at the

Hazards Assessment Subcommittee Meeting, and a path forward was discussed at the STWG Annual Meeting.

STWG AI 09-03 (*Activity Continuing*)

During an earlier teleconference, Wayne Davis indicated that he would develop a recommendation paper discussing the use of non-respirable source terms to ensure that non-respirable dose impacts (e.g., ground shine) are being considered. Wayne had emphasized that this is not limited to emergency management, but that safety-basis organizations are interested since they generally only model the respirable source term as well. Wayne presented this at the SCAPA Meeting, and a path forward for this item was to be determined at the STWG Annual Meeting. Wayne has been extremely busy and has not had a chance to address this AI further.

STWG AI 09-04 (*Activity Can be Closed*)

Chuck Rives indicated he was still trying to locate information sources on Leak Protection Factors (LPFs), which he has found to be quite sparse. The overall goal for this project is to compile all available information on LPFs into a living document which will be periodically updated. Chuck facilitated a panel discussion at the annual EMI SIG meeting to discuss how LPF data is used at various sites. This panel included Phil Pfeiffer (INL), Susan Vosburg (SNL), Michele Wolfgram (ORNL), and Chuck Rives (Pantex). Chuck has decided to make his table a living document and will bring this topic back to STWG discussion just before the 2011 Annual HASC Meeting. Carl Mazzola suggested he contact the Energy Facilities Contractor Group (EFCOG) Safety Analysis Working Group (SAWG).

STWG AI 09-05 (*Activity Continuing*)

Dan Connors is leading an effort to develop an objective statement on the use of Dose Equivalent (DE) Curies to support emergency planning and plume modeling during real events. Dan is almost ready to release a first draft for STWG review.

New Business

No new business was brought up on the call.

Next SCAPA STWG Meeting

The next SCAPA STWG teleconference is scheduled for **September 8, 2010, at 2:00 p.m. EDT.**

Adjournment

The meeting adjourned at **2:11 p.m. EDT.** Michele thanked everyone for their time and contributions.