

**Safety Analysis Working Group (SAWG)**  
**Steering Committee (SC) Meeting Minutes**  
**August 17, 2011**

**Participants:**

Mark Blackburn, HS-31  
Kevin Carroll, LLNL  
Brian Dinunno, HS-1.1  
Steve Eide, Curtiss-Wright  
Dick Englehart, Longenecker  
Brad Evans, PNL  
John Farquharson, ABS  
Mike Greutman, SNL  
Mukesh Gupta, URS-SMS

Julie Johnston – EnergySolutions  
James Kuropatwinski, LANL  
Mike Lehto, INL  
James McCormick, WIPP  
Mark Mitchell, LLNL  
Bob Nelson, DOE-EM  
Lisa Pansoy-Hjelvik, LANL  
John Rice, Epsilon  
Rob Vrooman, NNSA  
Bruce Wilson, B&W Y-12

**Minutes**

**1. Opening Items –Rob McKeehan**

- a. Roll call and welcome. Rob recognized and welcomed new participants on the SC – James McCormick from WIPP and Steve Eide from Curtiss-Wright Flow Control Nuclear. Rob also reported notes received from SC members Pam Horning, Belinda Niemi, Jerry Hansen, and Kevin O’Kula that they would not be able to participate in the telecon.
- b. The previously distributed minutes of the SC telecon for July 20 were approved.

**2. DOE Input – Mark Blackburn**

- a. Mark reported that he and James O’Neal were working as instructors for the class on the USQ process being piloted by NTC in Albuquerque this week. The class material also included input from Brad Embry, Rob Vrooman, and Mark Mitchell. The course includes examples and looks like it will need to be 4 days duration. The next class is planned for Sept. 19 - 22 in Las Vegas. This class is open to contractors, and up to 40 students will be allowed. Additional classes will be held regionally next year. Mark expressed his appreciation to Mark Mitchell for his assistance in the course development.
- b. The September NPH workshop is being sponsored and facilitated by Chip Lagdon and Steve Duffie with Gerry Meyers of HS-31 supporting.
- c. The Nuclear Safety Workshop report is in the concurrence chain for issue.
- d. The STD-3009 draft is integrated with responding to DNFSB Recommendation 2010-01. HSS has met with DNFSB staff and there is still some work to be done with further dialogue with the staff and the Criticality Safety Support Group in the next few weeks.
- e. Any comments on the revised DSA Guide need to be sent in soon. HSS wants this guide to be a useful tool.
- f. Order 420.1C is in final comment resolution and is being handled by Pranab Guha. The end of September is the target date, but its content needs to line up with other standards and guides, including the fire protection standard.
- g. Bob Nelson noted Dae Chung’s move from EM to the support of HSS activities. Bob also said there would be a follow-up review on EM DSAs including examination of SACs and beyond design basis events for EM’s riskiest 20 to 25 facilities.



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ranking to be completed by October 31. Mukesh will further distribute the call for proposals to the SC.

**c. Training – Julie Johnston**

- i. Brad Embry, with the CDNS and an interface with the NTC, will be facilitating a pilot course on SERs, and this draft course could be reviewed by SAWG for comments. James Kuropatwinski and Mike Lehto will look at for SAWG. Julie will give their contact information to Brad Embry.

**d. USQ – Mark Mitchell**

- i. The Criticality Safety/ USQ Subgroup joint committee outlined a path forward for addressing issues in the DOE DSA Guide is progressing. Recommended text has since been submitted to DOE and EFCOG.
- ii. H3-31 is expected to provide feedback on the drafted white paper on implementation of G 424.1-1B.

**e. Criticality Safety – Kevin Carroll**

- i. The CS participants in the STD-3009 writing group have modified the criticality safety sections and sent this to headquarters. This addresses what rolls up from criticality safety to the DSA.
- ii. There is an October CSSG workshop planned with Dr. McKamy regarding STD-3007.

**f. Hydrogen Safety –**

- i. Rob had recently discussed the continued viability of this task group with Kevin O’Kula. Kevin had said interest had waned since earlier in the year and the cancellation of the group meeting due to the spring workshop cancellation. Greg Jones (DOE-ORP) has been a solid participant and supporter. There still may be interest in production of a whitepaper for Fukushima hydrogen issues pertinent to DOE facilities. The SC will discuss with Kevin in the coming months if there is a continuing need for the group.

**6. Other items**

- a. Brad Evans noted there was some discussion at Hanford in regard to application of the HSS-recommended deposition velocity to the update of EPHAs.