

**Safety Analysis Working Group (SAWG)  
Steering Committee (SC) Meeting Minutes  
December 15, 2010**

**Participants:**

Tom Altenbach, LLNL	Rob McKeehan, ORNL
Dick Englehart, Longenecker	Mark Mitchell, LLNL
Brad Evans, PNL	Belinda Niemi, WTP
Mike Greutman, SNL	Rod Peatross, CWI
Mukesh Gupta, URS-SMS	Steve Petras, HS-1.1
Jerry Hansen, URS-SMS	Bob Richardella, NTC
Julie Johnston, EnergySolutions	John Schwenker, SRR

**Minutes**

**1. Opening Items**

- a. The conference call was opened by Mark Mitchell, vice chair, and soon led by Rob McKeehan after some difficulties with tie-in to the call. The previously distributed telecon minutes of September 22 and Albuquerque meeting of November 3 were approved.

**2. DOE Input**

- a. Steve Petras of DOE HS-1.1 reported that this office is the Department Representative to the DNFSB and tracks correspondence between DOE and the DNFSB.

**3. Subgroup Reports**

**a. Accident Analysis – Mukesh Gupta**

- i. Nuclear Safety R&D Working Group – Mukesh had participated in DOE teleconferences that discussed the proposals submitted in September. Jim O'Brien's group may create a database of research work. NNSA's Angela Chambers, chair of the Working Group, conducted a prioritization during that meeting and e-mailed last week the spreadsheet containing the proposal rating. The continuing proposals from Y-12, LANL, LLNL, PX, SNL, SRNL, and NNSS were rated high as well as one new proposal from SRNL. It is expected that NNSA may keep the funding for these proposals. There was no EM participation in the conference call. SAWG was not involved in the prioritization and did not receive the prioritization criteria. There was SC discussion about whether SAWG should have recommended a priority listing on its own basis.
- ii. Accident Analysis guidance – DOE's possible interest in the development of new, more specific guidance for conducting accident analyses (as mentioned by Jim O'Brien at the Albuquerque SC meeting) was discussed. Reference is made back

to the drafted Accident Analysis Guidebook of 2001. This effort could tie in to the measures that may be taken by DOE in response to DNFSB Recommendation 2010-01. The 2001 work was DOE funded and similar funding would likely be needed.

**b. Safety Basis – Belinda Niemi**

- i. Belinda reported that the subgroup had a recent telecon to discuss status and plans for the coming year. The subgroup is currently working on feedback to the Engineering Practices Working Group regarding the revision of STD-3024 for System Design Descriptions now in RevCom. The group is also working on polling the sites for feedback to Y-12 on general vs. specific wording on TSR LCO operability and surveillance statements.

**c. Criticality Safety**

- i. No report.

**d. USQ – Mark Mitchell**

- i. In their recent telecon, the subgroup discussed the DNFSB concern with addressing hazard controls in SRS safety basis documents and the DOE response letter. This issue affects the USQ process application in regard to the scope of SSCs under the USQ process and in addressing equipment important to safety. When available, those telecon minutes will be distributed to the SC for further information on this topic.

**e. Hydrogen Safety Task Team**

- i. Rob noted that there was interest in this task team becoming a standing subgroup of SAWG. However, as Kevin O’Kula, had earlier noted there was somewhat waning interest since last summer and a lack of participation from some sites. Attempts will be made by the SC to determine if those sites (e.g., INL, WIPP, Sandia, Y-12, Oak Ridge liquid waste, SRNS non-liquid waste) have an interest in participation. Rob will get information from Kevin on their next telecon and forward to a SAWG person for these sites to get that information to the right person.

**f. Training Liaison – Julie Johnston**

- i. Julie noted contact with the NTC regarding potential training for the HotSpot code at the SA Workshop. Bob Richardella said NTC had given this consideration but would not be pursuing that action. Bob also stated that the NTC was working on the USQ course in conjunction with HS-21 and with Mark Blackburn’s involvement.

#### 4. 2011 SA Workshop

- a. James Kuropatwinski could not be available for the telecon, but Rob noted the Call for Papers distributed by James at the Albuquerque SC meeting. Rob will electronically distribute the Call in advance of further Workshop information from James. The paper abstract deadline is January 31.

#### 5. EFCOG Semi-Annual Meeting

- a. Rob reported on his attendance at this 2 ½ day meeting in D.C. Pam Horning and Mark Blackburn were both in attendance. The first day was presentations and discussions related to the Working Groups. The creation of Best Practices (BP) is dramatically increasing and is strongly encouraged. Rob had proposed a BP from SAWG for the Expert USQD process and had earlier discussed this with Phil Montgomery and briefly with Mark Mitchell. The SC endorsed this action for the USQ subgroup. The Subgroups should look for other BP opportunities this year. EPWG uses a Subgroup Status Matrix (linked from their homepage) to show a 2-page summary of their subgroups' plans; this may be a good idea for SAWG. EFCOG will be publishing a non-member attendance policy. In essence, the policy will call for all non-member company meeting attendees be sponsored by a member company. This will need to be taken into account for our upcoming workshops. Projection by one of the DOE complex's observers is that the NNSA budget will go up 13% under the new Congress but DOE's overall budget will drop back to FY08 level. The last day and half of the meeting consisted of presentations primarily by high-level DOE personnel. Those presentations will be posted on the EFCOG homepage.

#### 6. Other Items

- a. Phase out of DOE Manuals – Mark Mitchell reported that the DOE Manuals were being phased out with an indefinite schedule. SAWG should monitor this for any impacts. Dick Englehart will look into this and provide back any information.
- b. DNFSB Recommendation 2010-01 – Steve Petras reported that this response was now up to the Deputy Secretary.

- 7. **Next Meeting** – The meeting adjourned with the next SC telecon scheduled for Wednesday, **January 19** at 11:00 Eastern time. The call-in number is **865 574-1000, Reservation # 13754**.