



**Safety Basis Subgroup
Meeting Minutes
August 10, 2011**

Participants:

Amanda Anderson – DOE/HSS	Mykesh Gupta – SMS/URS
Mark Blackburn – DOE SME	Roger Lanning - URS/WTP
Kevin Carroll – LLNL	Michael Lehto - INL
Chris Chavez – DOE	Rob McKeehan - ORNL
Betty Dagley – Bechtel Jacobs	Mark Mitchell - LLNL
Brian DiNunno – DOE/HSS	Sam Rosenbloom – DOE
John Farquharson – ABS Consulting	Ashley Ruocco – DOE HS-21
Lalove Foster – INL	Ray Sarter
Jeannie Loyozza – NTC	John Wag
Mike Greutman – SNL	Bruce Wilson - BWXT Y-12

Minutes

1. The July meeting minutes were approved by Mike Lehto.
2. Albuquerque Workshop Planning
 - Mike Greutman: Logistics finalized. Workshop will be limited to 130 people.
 - Tuesday subgroup meetings, EPWOG. Possibility of safety software as a topic? Approximately 10 people would be involved and this topic should be penciled in for an hour one day (there is space Tuesday afternoon).
 - Cost a little higher -- \$150. Have web pay set up; Mike will get flyer to Rob/Belinda to distribute. Agenda is pretty well set.
 - Karen Boardman will speak for NTC Oct. 27 at 11:30.
 - Rob McKeehan will gather a headcount for Steering Committee dinner.
 - Is there a cap for EPWOG? Their room will only fit about 25 people, which will work for them.
 - Need a DOE person to lead discussion of Fukushima? Mark Blackburn will take the lead on this, but he needs to know what is expected. Send him a summary of what is wanted, and he will put something together.

- Should this discussion be three parts? Cover what happened at other workshop earlier in summer (June), have someone from natural phenomena hazards workshop, and address the outlook for the future. Could have up to three speakers and a panel.
 - Currently the schedule doesn't have enough time allotted. Will increase time to 45 minutes.
- Amanda Anderson – Hazards Analysis Panel Discussion, still waiting on a confirmation from some contractors. Need topics panelists can think about and focus on. Andrew Vincent will take a cut at writing questions. Bruce – recommended John Farquharson.
 - Andrew Vincent -- Hazards Analysis Presentation: SRS involved in Defenses Board letters which ended up in SRS creating additional controls for DSAs and revising DSAs and USQ procedure. Andrew will provide a summary of how these controls were selected and how they are being managed. Will tie into changes in 3009 and will stay in tune with where that revision is going.
 - Rob MCKeehan – EPWOG joint meeting. Talked with new chair (Cheri DeFigh-Price) and brainstormed where there is overlap for Tuesday morning. SIS standard and its challenges; commercial grade dedication ; system engineering and SDD interface with safety basis development.
 - Mukesh Gupta – Nuclear Safety R&D discussion: Haven't heard from NNSA. 30 minutes OK amount of time? Need to talk to Angela. Mukesh will send a note to Belinda to let her know if 30 minutes is OK.
3. Mark Blackburn – Working through 500 comments regarding revision to DOE Order. Trying to have back by end of fiscal year. Trying to wind down on 3009 to submit to Rev Com. Only outstanding topic is items on Crit Safety. Trying to focus on things that are across the board at all complexes.
4. Emerging Site Issues
- Andrew Vincent – SRS has used Max for dispersion calcs for collocated worker and offsite public. Used local meteorological data for those calcs in Max. The issue is that meteorological data used is not representative of a 3 cm surface roughness, making dose calcs potentially nonconservative. Going into PISA process. Had conversations with Max experts to discuss

how that data is derived and used. This could affect other sites who use local data and Max for calcs.

- Mark Mitchell – Please write up your thoughts so other sites can prepare for questions from defense board stemming from this.
 - Amanda Anderson – Is Defense Board aware? SRS is meeting with them tomorrow to give more detail.
 - Amanda Anderson – If Andrew gets more information, please let Amanda’s group know. Something they’re paying a lot of attention to because of correlation to deposition velocity issue.
 - Andrew Vincent will write this up and send to everyone to track. Something Mukesh’s group might be interested in. May want to engage airborne experts.
- Nevada Test Site – Safety basis written a few years ago. Some specific admin controls that rely on hardware to perform specific admin control have not been classified as safety related. Declared PISA to determine if need to change classification of hardware. ORR completed and now identifying as PISA.
 - Mark Mitchell – There is opportunity for the DSA Guide and DOE-STD-3009 to provide guidance on areas that have not been clarified in the past with respect to the interface of the DSA and USQ process. Specifically, EITS, margin of safety, and roll up of controls related to criticality. Proposed wording was developed by joint committee of the USQ and Criticality Safety Subgroups and submitted to HSS. DOE-STD-3009 writing group having discussions with crit safety.
 - Bruce Wilson: Anyone facing problem of having to replace 50-year-old sprinklers on systems credited in safety basis? Talk to K-25 guys; they are not likely to have replaced, but have had discussions regarding operability.

ACTION ITEMS

- Mike Greutman will get flyer for the conference sent to Rob/Belinda to distribute.



- Rob McKeehan will gather a headcount for Steering Committee dinner and send to Mike.
- Andrew Vincent write questions for Amanda Anderson's Hazards Analysis Panel Discussion.
- Mukesh Gupta will send a note to Belinda to let her know if 30 minutes is an OK amount of time for Nuclear Safety R&D discussion.
- Andrew Vincent will write up a description of the emerging issue they have at SRS regarding Max calcs that use local meteorological data and send to everyone to track.