Department of Energy (DOE) Fire Safety Committee

Minutes of the May 07, 2014 Meeting – NFS-14 Workshop

Written by: Jim Bisker, Co-Chairman

Attendance: (An asterisk denotes a committee member)

Allison, Thomas*	Cordero, Julie	Jutras, Tom	Noakes, Brett
Bainbridge, Russell	Damba, Darwin*	Kloeckler, Hank*	Payne, David
Bisker, Jim*	D'Antonio, Perry*	Kretschmann, Michael	Plonski, Rob
Bitter, Robert*	Dao, Tony	Landmesser, James*	Saidi, John*
Brown, Angela	Ford, John	Lesko, Karen	Sanchez, Tomas
Bruce, Gaines	Frey, Joseph	Levy, Kevin*	Schairer, Mark
Butler, Sherman*	Granzen, Jerry	Mowrer, David	Smeaton, Bradley
Campbell, Bruce	Greer, Dave	Muna, Alice	Terranova, Joseph
Collins, James	Herrman, Terry	Nii, Robert*	Williams, Sr., Victor

Action Items discussed include the following:

- The Computer Fire Modeling Working Group (CWG) was discussed where it was decided that new interest will be undertaken in CY 14 to both understand and incorporate current versions NIST fire models into the "toolbox" of codes that are compliant with the DOE Safety Software Quality Assurance (SSQA) requirements of DOE O 414.1D, Quality Assurance, and its safety software guidance, DOE G 414.1-4. Currently the NIST Zone Model, CFAST (V3.1.7 and V5.1.1) are included in DOE's Registry whereas NIST's latest models include both CFAST (V6.2) and the Field Model FDS (V6.1.0) that are acceptable for use at the Nuclear Regulatory Commission. Discussions about the toolbox took place where there was a general feeling of frustration that such models which are created by NIST need to continue the arduous task of vetting within the toolbox framework despite significant QA vetting from other federal organizations such as NIST and the NRC.
- Comments from the Technical Standards Program's RevCom process have been submitted for response for DOE-HDBK-1081, *Primer on Spontaneous Heating and Pyrophoricity*, which will be dispensed with over the summer. It is expected that the update to 1081 will be completed by the end of CY2014.
- It was identified that in CY 2015, AU-32 will begin the task of updating DOE-STD-2012 to address certain errors and omissions from the current version. Plans for this update include revisions to address editorial changes and page change additions similar to the initiative that's being undertaken with DOE O 420.1C, Facility Safety. This revision process will commence with the generation of Frequently Asked Questions (FAQ's) that have surfaced from past Roll-out briefings that will be vetted through the Fire Safety Committee prior to publication on the DOE Fire Protection Web site.
- Others present discussed the possibility of including Fire Protection Program Plan Documentation samples on the web site (or Sharepoint sites) along with DOE procedures to align with O 420.1C program approvals: a "Defense in Depth" definition; application of "facility" vs "building" requirements for fire protection, and analyzer equipment failures that may have been experienced at other DOE sites.