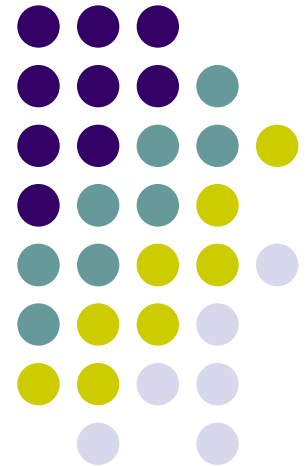


Safety Analysis Working Group 2012 EFCOG Semi-Annual Meeting



Mark Mitchell
Lawrence Livermore National Laboratory
Working Group Vice-Chair
December 6, 2011

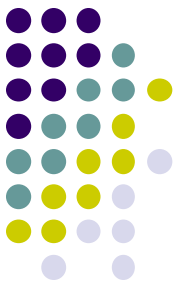


DOE Sponsors:

Jim O'Brien (HS-30)/Mark Blackburn(HS-31)/Amanda
Anderson (HS-1.1)

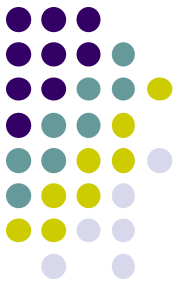
Bob Nelson, EM

FY12 Achievements to Date

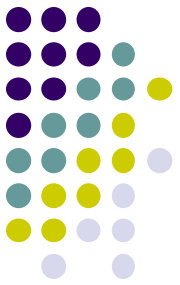


- Held successful annual Safety Basis Workshop in October in Albuquerque
 - About one third of the 90 attendees were DOE Half day joint meeting with Engineering Practices WG on areas of commonality
 - Meetings of Accident Analysis, USQ, and Criticality Safety subgroups and SAWG Steering Committee
 - Major sessions on DNFSB issues with hazards analysis and controls, pending changes to STD-3009, and Fukushima accident and implications
 - Breakout session with DOE on revision of STD-3009
 - Concurrent session in support of Nuclear Safety R&D (NSR&D) Working Group

FY12 Achievements To Go



- Hold 2012 Safety Analysis Workshop near Los Alamos in May – see website posting
- Assist member companies in application of forthcoming revision of STD-3009
 - Utilizing lessons learned from FY11 successes on USQ training (rapid deployment model)
- Provide input to DOE on recommendations for changes to 10 CFR 830 and STD-1027
- Continue to work integration of overlap areas in criticality safety, USQ, and safety basis processes



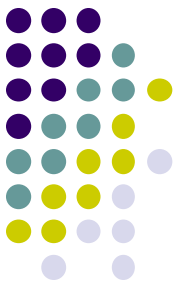
FY12 Achievements To Go

- Continue to facilitate information flow on DNFSB issues and provide perspectives from the EFCOG community to DOE
- Share information in addressing Beyond Design Basis Events and other actions from the Fukushima accident
- Support input to Nuclear Safety R&D program
- Provide input to National Training Center on content of nuclear safety classes, distribute class information, and encourage member participation

Best Practices Development Status and Plans for FY12



- One Best Practice (Expert USQD process) posted in early October
 - Facilitated implementation of Expert USQD process at two sites, including training template
- Two additional Best Practices (criticality safety training and changes in the USQ process per revised DOE Guide) submitted for posting



Performance Metrics

- No SAWG gatherings in FY 2011 since Survey Monkey (Monkey was recently applied for our October 2011 Safety Basis Workshop)
- No white papers or Best Practices posted in FY 2011
- Five inputs to DOE for FY 2011
 - Recommendations of changes to STD-1027 regarding addressing nuclear criticality
 - Input to National Training Center course for USQ process training – well received; new standard for rapid deployment using SMEs
 - Participation on writing teams for revision of STD-3009
 - Recommendation of changes to DOE G 421.1-2 (DSA Guide)
 - Input to HSS and CDNS on several technical bulletins relevant to responses to DNFSB