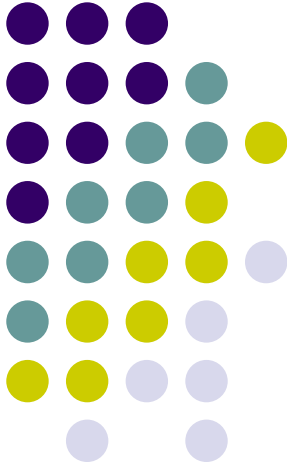


“EFCOG’s Knowledge Portal Review” 2009 Waste Management Symposium



CM Kronvall
Engineering Practices Working Group Chair
March 3, 2009



Engineering Practices Working Group

- Background/Overview
- 2008 Accomplishments
- 2009 Plans

Background/Overview

- Formed mid-2003
 - ~ 160 Members
- 4 Subgroups
 - Configuration Management
 - Fire Protection
 - Value Management
 - Testing
- Ad Hoc Working Teams
 - Pressure Safety
 - Non-Nuclear
 - Digital Instrumentation and Control Standards Development

Background/Overview

- Current Leadership
 - Chair: Charlie Kronvall, CHPRC (Charles_M_Kronvall@rl.gov)
 - Vice Chair: Cherri Defigh-Price, Parsons
 - Outgoing Chair: Ken Keith, BWXT Y-12
- EFCOG Sponsor
 - Al Konetzi, WVES
- DOE Sponsors:
 - James McConnell, NNSA
 - Chip Lagdon, NNSA CNS
 - James O'Brien, NNSA
 - Mark Gilbertson, EM
 - Rick Kendall, NE

2008 Accomplishments

- Developed and Implemented DOE-STD-1189, *Integration of Safety into the Design Process* (Joint effort with the Safety Analysis Working Group)
- Provided review to DOE O 413.3A Implementation Guides (In support of the Project Management Working Group)
- Provided review of the FHA and DSA Implementation Guide (In support of the Integrated Safety Management Working Group)

2009 Plans

- Post Best Practices to the EFCOG Web Page
 - Engineering Calculations (Posted 1/09)
 - Safety Equipment List Preparation (ECD: 4/09)
 - CSE Program/System Performance Monitoring and Trending (ECD: Summer/Fall 09)
 - Engineering Software Configuration Management (ECD: Fall 09)
- Expand DOE-HQ Membership
 - EM and NE sponsors added in 1/09
- CSE/SSO Programs
 - Joint meeting between Contractor CSEs and DOE SSOs (scheduled for 5/09)
 - Contractor planning meeting scheduled for 3/09

2009 Plans (Continued)

- Confinement Ventilation Systems
 - Soot Loading/Fire Protection Team
- DNFSB 2008-1 Implementation
- Value Management
 - Supporting multiple VE Studies; recent area of focus has been improvements in Technology/Cybersecurity
- Fire Protection
 - Benchmark Fire System AHJ roles/programs
 - Develop and post FHA Tool Box
- Configuration Management
 - Develop and publish VSS System Boundary Guidance
 - Develop Recommendations re Code of Record determination/documentation

2009 Plans (Continued)

- Planned Meetings
 - EPWOG Winter Telecon: Held 2/4/09
 - CSE/SSO Planning Meeting: 3/17-18/09 (Denver)
 - EPWOG Spring Meeting: 4/21-22/09 (DC)
 - CSE/SSO Meeting: 5/12-14/09 (Las Vegas)
 - Confinement Ventilation Systems (Soot Loading): 4/7-8 (Oak Ridge/Y-12)
 - Fire Protection Workshop: 6/23-24/09 (Albuquerque)
 - Value Management: 6/29-7/2 (Detroit-with Society of American Value Engineers national meeting)
 - Additional meetings/calls/information will be posted at:
<http://www.efcog.org/wg/ep/index.htm>