

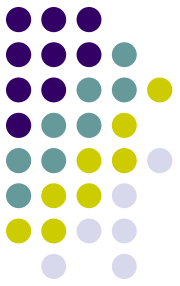
Engineering Practices Working Group 2008 Semi-Annual Meeting



Ken Keith
Chief Engineer
B&W Y-12

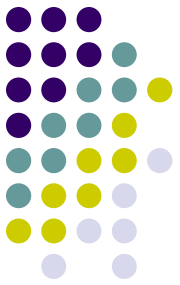


EPWOG Leadership



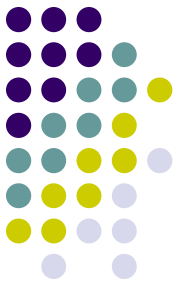
- **Leadership**
 - **EFCOG Director Sponsor: Al Konetzni, WVES**
 - **Chair: Ken Keith, BWXT Y-12**
 - **Vice-Chair: Charles Kronvall, Fluor Hanford**
 - **Secretary: Tobin Oruch, LANL**
- **DOE Sponsors:**
 - **Chip Lagdon (DOE Chief of Nuclear Safety)**
 - **Jim McConnell (NNSA CDNS)**
 - **Jim O'Brien (DOE HSS)**
 - **Additionally, each of the sub-groups have sponsors**

EPWOG Structure



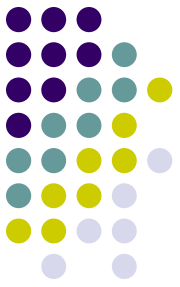
- Focus Areas
 - Nuclear – Ken Keith, B&W Y-12
 - Non-Nuclear – Tom Etheridge, ORNL
- Subgroup Chairs
 - Fire Protection: Perry D'Antonio, Sandia
 - Configuration Management: Cherri DeFigh-Price, Parsons
 - Engineering Standards: Stan Palmer, ICP
 - Value Management: Richard Harrington, Washington Closure Hanford
 - Pressure Safety: Tom Etheridge, ORNL
 - Startup Testing (proposed): Doug Messerli, Y-12
- 44 Companies, ~ 140 members (core and subgroups)

2008 Accomplishments



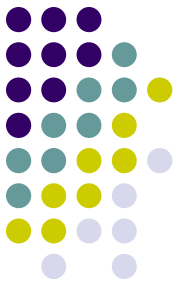
- **EPWOG members, with SAWG, provided key participation in writing DOE-STD-1189, Integration of Safety into the Design Process**
- **EPWOG members, with SAWG, continued to work FHA/DSA integration guide**
- **Supported response to FTF failed filter issues**
- **Established a pressure safety sub-group to foster implementation of related 10 CFR 851 codes and standards**
- **Continued to work actions on HSS recommendations related to Essential Safety Features and System Engineering**

2008 Accomplishments (cont.)



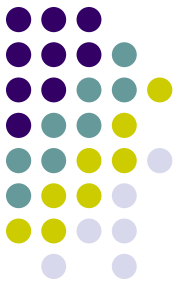
- **Conducted EPWOG “assists”**
 - Site visit to evaluate configuration management and system engineer program
 - NNSA effort on Project Risk Definition Index
- **Conducted 1189 Implementation workshop with SAWG**
- **Providing support to HSS for new Digital Instrumentation & Control guide development**
- **Routine communications and practices help member companies through Lessons Learned, Best Practices, and Benchmarking**
 - CMWG survey of computer tools
 - FP metrics

2008-9 Activities



- **Continue DOE-STD-1189 implementation support with the SAWG**
 - Draft update to SDD Standard (DOE-STD-3024)
 - Training and Lessons Learned
- **Support development of HSS Digital I&C guide**
- **Support response to DNFSB Recommendation 2008-1**
- **Establish Testing and Commissioning sub-group**
- **Plan System Engineer Program lessons learned workshop with SSOs**
- **Perform updated evaluation of HSS assessments and develop action plan**

Interfaces With Other Working Groups



- **Significant interaction with SAWG and Project Management on DOE-STD-1189 and 413.3A Guides**
- **Other integration topics**
 - **Safety item suppliers and graded quality assurance with QAWG**
 - **1189 workshop with SAWG and PMWG**
 - **Pressure safety sub-group with ES&HWG**