

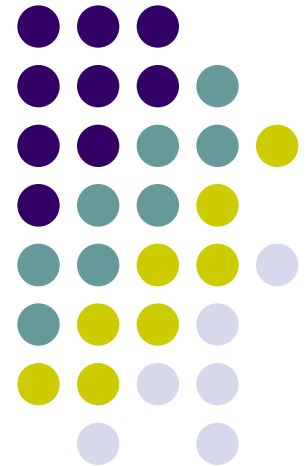
Engineering Practices Working Group 2012 EFCOG Semi-Annual Meeting



Charlie Kronvall
CHPRC

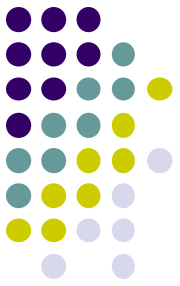
Working Group Chair

December 6, 2011

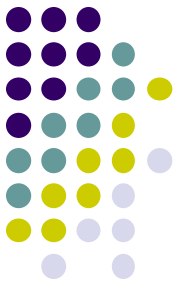


DOE Sponsors: **NNSA, HSS and Chief Nuclear
Safety** (*Jim O'Brien, Chip Lagdon, Earl Hughes and
James McConnell*)

FY12 Achievements to Date



- Joint EPWG/SAWG meeting held October 2011 in Albuquerque with follow-on meeting and tour (LANL) with EPWG members.
- Posted on FTP site listing of Engineering Software
- Collaboration activities:
 - Commercial Grade Dedication and QA Group
 - Fire Protection & Human Capital Group
 - EPWG members participated in several other WG meetings (SAWG, ISM, Project Mg't, D&D, Energy & Infrastructure)



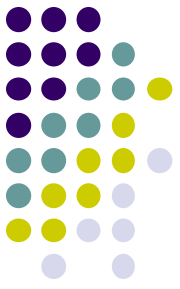
FY12 Achievements To Go

- Issue Best Practices/benchmarking documents
- Complete draft Conduct of Engineering Training material
- Assist with *Natural Phenomena Hazard* criteria development; DOE-STD-1066 re-evaluation of non-safety requirements; and *Implementation Guide for Pressure System Safety* (10CFR-851, App A.4)

Best Practices Development Status and Plans for FY12



- Three Best Practices issued summer 2011:
 - BP #104 – Fire Protection Program Assessments
 - BP #105 – Improving Access to and Control of Database Information
 - BP #107 – Recommended Structure for System Health Monitoring and Reporting
- Plans: Three Best practices in FY 2012
 - Areas of Configuration Management, Fire protection, Commercial Grade Dedication, Exemption Process



EPWG Performance Metrics

- **92%*** said EPWG tackles Relevant issues
- **100%*** said EPWG helped create solutions for their company's challenges
- **91%*** said they changed practices as a result of their involvement in EPWG
- **100%*** responded that EPWG adds value for their company
- **Three** best practices posted during FY 2011
- No white papers submitted to DOE during FY 2011
- **Four** review/comment sets of draft DOE Orders/Guidelines, and DNFSB recommendation responses submitted to DOE during FY 2011

* Survey Monkey results