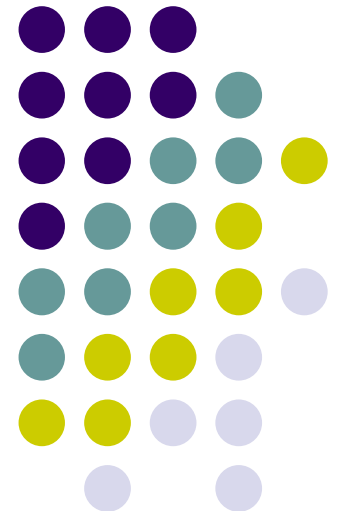
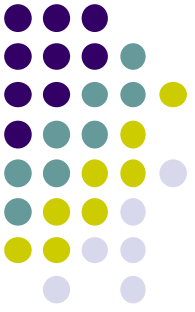


# “EFCOG’s Knowledge Portal Review” 2010 Waste Management Symposium



Charlie Kronvall  
Engineering Practices Working Group  
Chairman  
March 9, 2010



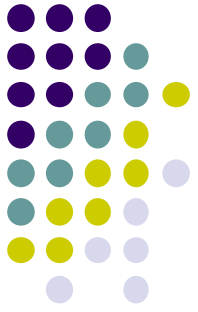


# Engineering Practices Working Group (EPWOG)

- **Subgroups and Task Teams**

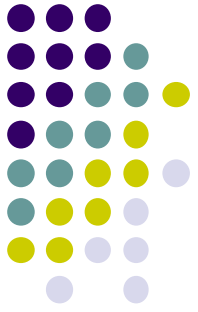
- *Commercial Grade Dedication*
- *Configuration Management*
- *Cognizant System Engineer Program*
- *Fire Protection*
- *Pressure Safety*
- *System Description Documents (DOE-STD-3024)*
- *Testing and Commissioning*

# Commercial Grade Dedication



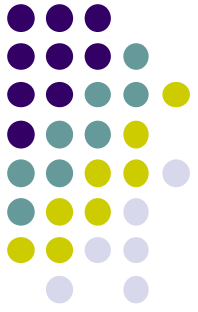
- Need identified in April 2009
- Task Team formed October 2009
- Multiple teleconferences
  - EM, NNSA, NTC, and NE participants
- Initiated Best Practice activities related to:
  - Overall procedure
  - Initiating procurement documents
  - Critical characteristic development
  - Acceptance package development
- Meeting scheduled for March 17/18 in Richland, WA

# Pressure Safety



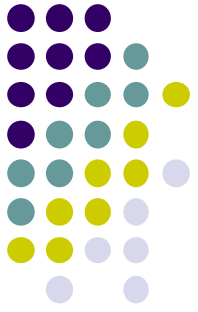
- Aim to develop a standard understanding of the requirements of an effective pressure safety program as required by the Worker Safety and Health Program, 10 CFR 851 Appendix A Section 4.0.

# Pressure Safety



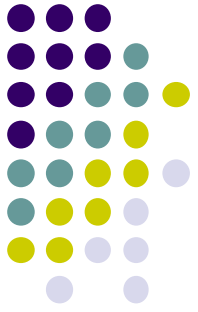
- Developing an *Implementation Guide for Pressure System Safety as Specified in 10 CFR 851 Appendix A.4* using the sections of 10 CFR 851 Section A.4 as an outline:
  - 4a – The General Program;
  - 4b – Codes and Standards; and
  - 4c – Equivalency
- The Sub-team presented draft sections for group discussion.

# DOE-STD-1189-2008 Implementation



- EPWOG members integrated with the Safety Analysis Working Group (SAWG) during DOE-STD-1189, *Integration of Safety into the Design Process*, development
- EPWOG members continue to work with SAWG in -1189 implementation
  - Developing Lessons Learned from actual field implementation
  - Providing *Engineering* perspective

# EPWOG



- Next meeting scheduled for April 13/14 in Forrestal Building (DOE-HQ in Washington D.C.)
- Additional information available at <http://www.efcog.org/wg/ep/index.htm>