

# “EFCOG’s Knowledge Portal Review” 2012 Waste Management Symposium

*DOE Work Planning & Control Improvement Project*



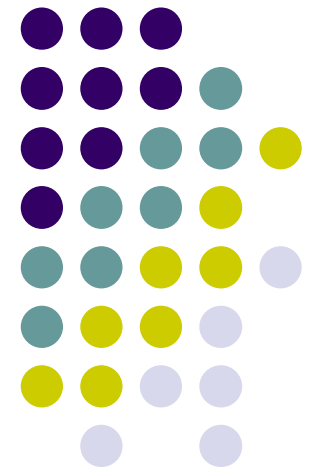
Presented by

*Tim Flake*

*EFCOG Work Management Subgroup*

Panel Session 51

February 28, 2012



# *Work Planning & Control Improvement Project Team*



- DOE WP&C Improvement Team
  - Members from many sites with many disciplines
- Project Managers
  - Jim Winter (NNSA)
  - Don Rack (EM)
  - Tim Flake (EFCOG)
- EFCOG Leadership
  - Norm Barker (ISM&QA Chair)
  - Bob Milazzo (Sponsoring Director)
  - Roy Schepens (Board of Directors)
- DOE Sponsors
  - Jim McConnell (NNSA)
  - Matt Moury (EM)
  - Pat Worthington (HS)



# Project Scope

- EM and NNSA Sites
- EFCOG, NNSA, EM, NE, SC and HSS
- Potentially hazardous activities by Contractors and sub-contractors in:
  - Operations and Maintenance
  - Project Construction
  - Decontamination and Decommissioning
  - Research and Development

# Initial Project Plan



- Five Topical Areas
  - Performance Measures
  - Develop Tools
  - Contractor Assurance and Federal Oversight
  - Communications Plan
  - Federal Initiatives

# Current Focus

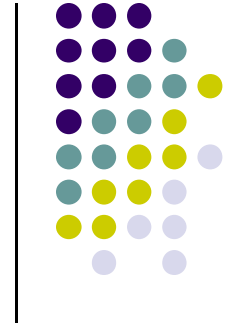


- Develop an EFCOG “Gold Standard” WP&C Guidance Document
- Schedule
  - Perform due diligence Review - 02/17/12 (Complete)
  - Address due diligence results/revise document - 2/17/12-3/8/12 (In Progress)
    - Polar Opposite Evaluation/Interface with EFCOG/DOE senior leadership, as necessary
  - Issue final draft document to original commenters - 03/08/12
  - Issue final draft document to EFCOG Working Group Chairs – 3/08/12
  - Collect comments from original commenters and EFCOG WG Chairs – 3/22/12
  - Disposition final draft comments. – 3/22/12 - 04/6/12
    - Polar Opposite Evaluation/Interface with EFCOG/DOE senior leadership, as necessary
  - Perform final technical edit – 4/9/12/12
  - Submit EFCOG WP&C Guideline Document (EFCOG Subgroup Chairman and ISM/QA Chairman) to EFCOG Board - 4/13/12
  - Obtain approval signatures from EFCOG. - 5/3/12
  - Transmit to DOE for endorsement – 5/4/12
  - Post Document on EFCOG web site – 5/4/12

# Final Project Plan



- Focus on implementation and improvement of the EFCOG WPC Guideline document through;
  - Performance Measures
  - Further Development of Tools
  - Contractor Assurance and Federal Oversight
  - Communications



QUESTIONS?

**Back Up slides follow**







## FA1: Identify Performance Measures

- Benchmark DOE, commercial nuclear and industry performance measures
- Develop generic set of Facility/Activity-level WPC Performance Measures.
- Develop Institutional-level WPC Performance Measures.
- Identify WPC performance elements for NNSA and EM contract performance evaluation.



## FA2: Develop Tools

- Establish a basis for applying HPI, QC Inspection Criteria, Safety Culture and Skill of Craft concepts to WPC.
- Establish comprehensive WPC toolbox with tools developed by DOE and benchmark organizations.
- Develop guidance for applying tools including “Six Step Approach” to improve WPC.
- Establish complementary set of CRADS to satisfy Contractor Assurance and Line Oversight needs.

## FA3: Apply WPC in Contractor Assurance and Federal Oversight



- Evaluate Contractor and Federal Assessment Plans for applications in WPC.
- Make EFCOG Assist visits.
- Participate in Contractor Assurance and Federal Oversight reviews of WPC.
- Develop guidance for EFCOG assist visits.
- Institutionalize WPC assessment activities at EM and NNSA sites.



## FA4: Communications Plan

- Establish and implement a communication plan to solve crosscutting WPC issues.
- Identify a WPC point-of-contact network of DOE, contactor and external stakeholders.
- Establish periodic WPC forums to share and solve complex-wide issues.
- Establish a network base for sharing WPC information across the DOE complex.



## FA5: Federal Initiatives

- Evaluate and recommend changes to existing Federal policy, guidance and direction.
  - Consider relevant benchmarks in other industries (INPO, EPRI)
- Develop WPC performance evaluation measures for M&O/Prime Contracts.



# Performance Objectives

- 6-12 months: evaluate baseline WPC performance and determine tools to improve performance & gauge improvement.
- 12-24 months: establish a DOE-wide community-of-practice for WPC that effectively leads with established tools.
- 24-36 months: address DOE Policy and guidance to effectively lead DOE contractors and the Federal workforce in effective WPC.

# Final Project Plan



- 1-year horizon defined by initial plan.
- Final Project Plan due by December 2011
  - Application of identified performance measures
  - Institutionalization of WPC implementation and oversight
  - Extend WPC communication plan
  - Implement Policy/Guidance Recommendations