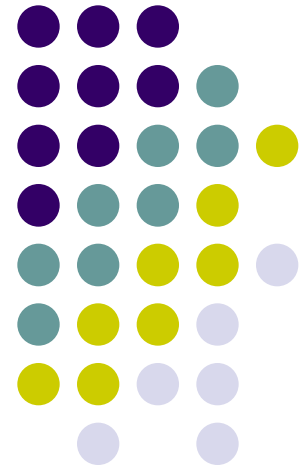


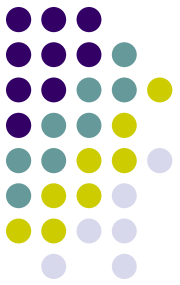
# Deactivation & Decommissioning and Facility Engineering 2008 EFCOG Working Group Chair Meeting



Lance J. Mezga  
UT-Battelle, LLC  
DD/FE Working Group Secretary  
September 16, 2008



# PURPOSE



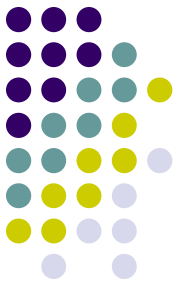
Partner with DOE Environmental Management's Office of Deactivation & Decommissioning and Facility Engineering in identifying and addressing key opportunities for improved performance in D&D safety and project execution across the DOE complex through application of experience, including lessons learned, and technology transfer.

# WHO WE ARE



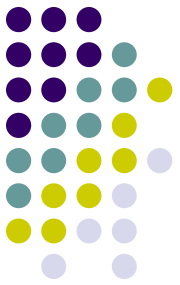
- EFCOG Sponsoring Director: George Jackson - Fluor
- DOE Sponsor: Yvette Collazo
- Steering Committee:
  - Russ Mellor – URS Washington Division
  - Yvette Collazo
  - George Jackson
  - Joe Yanek - Fluor
  - John Longenecker - Longenecker & Associates
- Task Group Officers:
  - Chair: Russ Mellor – URS Washington Division
  - Vice Chair: Bob Richardella
  - Secretary: Lance Mezga – UT-Battelle
- 18 Active Members Comprise the Task Group
  - Represent a Diverse Mix of Companies and Sites

# BRIEF HISTORY



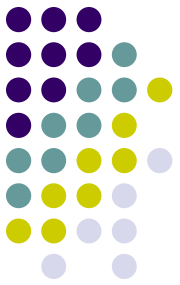
- 2006 - Task Group formation requested by EM.
- Aug 2006 - Board approved Task Group formation.
- Oct 2006 - Task Group kick off meeting.
- Dec 2006 and February 2007 - Task Group telephone conferences held.
- Mar 2007 - Achieved Working Group status.
- Mar 6, 2007 – Working Group met at Hanford.
- Apr 19 and August 3, 2007– Working Group held telephone conferences.
- Aug 14, 2007 – D&D Knowledge Resource Center Task Group met at Hanford.
- Dec 7, 2007 – Working Group met in Dallas, TX

# ACTIVITIES



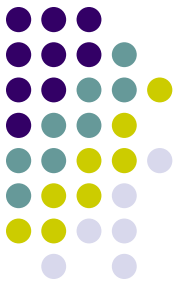
- May 28 - 29, 2008 – Working Group met in Oak Ridge, TN
  - Reviewed Officers, membership, & Charter.
  - Reviewed status of current projects:
    - Engineering/Design Guidance Document:
      - The Design Guides have been updated to reflect the Construction Design Process. Input to revisions provided by Working Group.
      - The revised document is complete and rollout briefings with DOE are to be scheduled.
      - After approval, the Guide will be issued for a 6 – 12 month “shakedown” application. Input by Working Group to be provided during “shakedown.”
    - Guides Replacing DOE M413.3A, “Project Management for the Acquisition of Capital Assets Manual:”
      - Working Group input requested on limited review of drafts.

# ACTIVITIES



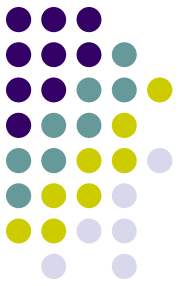
- Independent Verification of Clean Up.
  - Guidance regarding Independent Verification will be issued soon.
  - A “Lesson Learned” document on IV will be distributed in the near future. (Key points: precision, accuracy, and reliability of measurements.)
- D&D Knowledge Resource Center.
  - The ALARA Center activities and brochure were reviewed.
  - The Hotline is up and operating.
  - The website and query system were demonstrated and were considered to be an excellent resource by the Group.
- EM-20 D&D Toolbox Project.
  - EM HQ is currently defining the deliverables and schedule for the project for the year.
  - A report is planned for early June.
  - Working Group input was requested and will be provided.

# LEARNING AND BEST PRACTICES



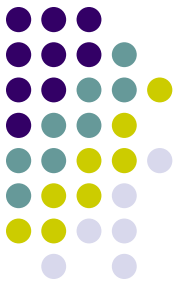
- Best Practice #49 - Evaluation and Control of Airborne Fungal Populations for Worker Protection during the Deactivation of an Abandoned Process Facility (09/01/07).
- Best Practice #50 - Post-Deactivation Surveillance and Maintenance of Excess Facilities (09/01/07) .Best Practice #51 - Use of Commercial Rigid Polyurethane Foam for Decontamination and Decommissioning (09/01/07).
- Best Practice #52 - Implementation of NFPA Arc Flash Requirements in D&D (12/18/07).
- Best Practice #53 - Assets for Value Contracts (12/18/07).
- Best Practice #54 - Open Air Demolition of Radiological Contaminated Structures (02/19/08).
- Best Practice #55 - Achieving the First Record of Decision on a Canyon in the Complex (03/21/08).

# Future Directions/New Initiatives



- Promote safe open-air demolition of structures containing asbestos without prior abatement as the industry standard. A Best Practice will be developed. Status: 1Q/FY09.
- Develop a product (e.g., brochure or video) that creates a compelling case for D&D. The Working Group agreed to support development of a video or other type product. Status: Photo selection for video in progress. 4Q/FY09.
- Integrate efforts with the DOE-funded D&D Toolbox Project to deploy existing technology and develop new technology to more safely and efficiently accomplish D&D tasks. The Working Group will support this initiative through participation in Toolbox Project planning activities and support technology demonstration and applications. Status: Ongoing. The effectiveness of resistant surface coatings being demonstrated at ORNL in 4Q/FY08. Supporting EM-23 comparison of open air transite removal evaluation (i.e., Oak Ridge and Hanford).

# Future Directions/New Initiatives



- Supported EM-23 prioritization effort through participation in the 1<sup>st</sup> workshop and development of potential project and opportunities list.
- Greater involvement of the Work Group in industry forums. This item will be carried forward.
- Spring Meeting.
  - The Working Group approved conducting the Spring Meeting in Phoenix, AZ in conjunction with Waste Management '09.
  - The Group considered this to be a good opportunity to have greater involvement in industry forums.