



Deactivation & Decommissioning and Facility Engineering (DD/FE) Task Group



Presentation to EFCOG Board of Directors

Washington, D.C. - February 20, 2007



PURPOSE

Deactivation & Decommissioning and Facility Engineering (DD/FE) Task Group

Partner with DOE Environmental Management's Office of Decontamination & 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 and technology transfer.



WHO WE ARE

Deactivation & Decommissioning and Facility Engineering (DD/FE) Task Group

- EFCOG Sponsoring Director: George Jackson - Fluor
- DOE Sponsor: Sandra Waisley
- Steering Committee:
 - Mike Lackey - Fluor
 - Sandra Waisley
 - George Jackson
 - Joe Yanek - Fluor
 - John Longenecker - Longenecker & Associates
- Task Group Officers:
 - Chair: Mike Lackey
 - Interim Vice Chair: Russ Mellor - Washington Group International
 - Interim Secretary: Lanny Dusek - Fluor
- 16 Active Members Comprise the Task Group
 - Represent a Diverse Mix of Companies and Sites



BRIEF HISTORY

Deactivation & Decommissioning and Facility Engineering (DD/FE) Task Group

- Task Group formation requested by EM in conjunction with a restructuring
- August 2006 Board approved proceeding with formation of the Task Group
- October 2006 Task Group kick off meeting held (17 attendees)
 - Charter adopted
 - Interim leadership elected
 - Actions initiated
- November 2006 Charter reviewed with Board
- December 2006 and February 2007 Task Group telephone conferences held
- March 2007 Task Group meeting planned at Hanford
 - Includes tour of ALARA Center as model for potential creation of a D&D Knowledge Resource Center



ACTIVITIES

Deactivation & Decommissioning and Facility Engineering (DD/FE) Task Group

- Each member contributes a new Best Practice for posting to a new D&D category on the EFCOG Best Practices web page (ten completed and in process of posting, four more in progress)

<u>Best Practice Topic</u>	<u>Responsible</u>
Mold Detection and Remediation During D&D	Bill Stephens – Washington Savannah River
Electrical and Mechanical Isolation Process (Cold & Dark)	Mike Johnson – Washington Closure Hanford
Use of Commercial Rigid Polyurethane Foam for D&D	Kelly Trice – Bechtel Jacobs
Space Action Team Assets for Value Contracts	Mike Auble – LLNL
Blanket NEPAs	Carol Meincke – Sandia
Open Air Demolition of Radiologically Contaminated Structures	Mike Lackey – Fluor
Techniques for Identifying Underground Utilities or Obstructions	Darin Dobbins – Stoller
Utility Redistribution Planning	Pat O’Neill – Fluor
Nuclear Safety Planning for D&D	Bob Richardella – Stoller
Project End State: Definition, Documentation and Verification	Harvey Story – AREVA NP
Implementation of NFPA Arc Flash Requirements in D&D	Russ Mellor – Washington Group Intl
Use of End Points to Deactivate and Verify Deactivation of the Tritium Systems Test Facility (TSTA) at LANL	Chuck Negin – Project Enhancement Corp
Achieving Record of Decision on First Canyon in the Complex	Lanny Dusek – Fluor
Post-Deactivation Surveillance and Maintenance	Carlo Melbihess – UT-Battelle



ACTIVITIES (cont.)

Deactivation & Decommissioning and Facility Engineering (DD/FE) Task Group

- Provided input to EM on D&D technology needs for development of the 10-Year Technology Roadmap.
- Captured ideas to improve integration, distribution, and promotion of D&D Lessons Learned and Best Practices for the Task Group to evaluate as work progresses. The ideas include:
 - Participation in industry conferences focused on D&D
 - Creation of forums for better communication among leaders involved in D&D work
 - Institution of a D&D Hotline to provide real-time solutions to D&D challenges
 - Production of D&D case studies to be taught in classroom settings to D&D personnel
- Established DD/FE Task Group web page on the EFCOG web site.



ACTIVITIES – RECENT OPPORTUNITIES

Deactivation & Decommissioning and Facility Engineering (DD/FE) Task Group

- Independent Verification of Cleanup (IVC)

DOE is establishing a standard process for IVC. Following initial input from EFCOG leadership and a recent response from EM, the DD/FE Task Group will serve in an advisory capacity to provide input on the IVC process.

- Guides Replacing DOE M413.3, “Project Management for the Acquisition of Capital Assets Manual”

DOE is replacing the manual with a set of 19 guides, one of which is "EM Cleanup Projects." The DD/FE Task Group will serve in an advisory capacity to provide input on this guide, starting in parallel with chartering of the overall effort.