

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

Tuesday, October 31, 2006

Nevada Support Facility, Bldg C-01, Room 6375

Attendees: See Attachment 1

Agenda: See Attachment 2

SUMMARY

The DD/FE Task Group held its kick off meeting, which was very well attended. During the meeting, a charter was adopted, interim officers were elected, actions were initiated and a number of ideas for actions were captured for further evaluation. Major actions initiated from the meeting include the following:

- Each Task Group member committed to creating a new best practice by the end of January to enter into the Best Practices system.
- The Task Group will work with the ISM Subgroup on Feedback & Improvement to add a D&D category to the EFCOG Best Practices web page.
- The D&D Handbook of 1993 vintage will be reviewed, updated and reissued to reflect current technologies and techniques for D&D work.
- Each Task Group member committed to providing to Andy Szilagyi input associated with the EM D&D technology needs assessment currently being performed.
- A list of proposed actions to improve integration, distribution, and promotion of D&D lessons learned and best practices is being evaluated. The proposed list of actions includes greater 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, and production of D&D case studies to be taught in classroom settings to D&D personnel.

The Task Group members are engaged and expressed resolve to ensure value is added by the actions that are taken.

MINUTES

Mike Lackey opened the meeting at 8:10 am with Joe Yanek, ISM Working Group Chair, providing an overview of EFCOG working group operation. This overview was followed by Mike Lackey and Sandra Waisley giving opening remarks and by each Task Group member giving a short self-introduction.

Sandra Waisley continued with a review of the challenges faced with D&D of the complex. Presently there is \$148.6 B of work left in the EM lifecycle; however, there are at least two significant trends that create uncertainty regarding how much the life-cycle cost will ultimately be reduced: 1) decreasing funding projected for D&D in view of higher national priorities pushes work out and 2) unfunded liabilities, such as the Waste Treatment Plant at Hanford, that are currently estimated at \$25 B to \$50 B. Sandra challenged the group to 1) identify transformational changes that can be made to affect the baseline and 2) develop knowledge management of lessons learned and best practices.

Mike Lackey introduced DOE Order 210.2, "DOE Corporate Operating Experience Report," that was approved June 12, 2006, and will be put into contracts by early December 2006. The new order adds rigor to the implementation of lessons learned and best practices, requiring that they be tracked and the effectiveness of their use evaluated. We should be able to count on this system to handle the implementation of our lessons learned and best practices, which will allow us to concentrate on the half of the equation of getting them input to the system.

During discussion among the Task Group members, the following ideas emerged for getting the word out on best practices in a way that promotes their utilization and for providing added value to the best practices program:

1. May need to break outside "the system" since lessons learned tend to get sanitized to the point that valuable information is not included.
2. Submit papers to and participate in conferences such as the ANS Topical meeting on Decommissioning, Decontamination, & Reutilization during September 2007 in Chattanooga, TN, for which Sandra Waisley and Mike Lackey are co-chairing a session on Lessons Learned and Andy Szilagyi is chairing a session on D&D. It was suggested that any such papers submitted by the Task Group members could include an EFCOG DD/FE tag to help publicize the existence and work of the group.
3. Create case studies and then set time aside in our semi-annual meetings to go over one of them each time.
4. Emulate the Department of Defense's Defense Acquisition University concept (they have developed over 700 case studies) for in depth training of D&D personnel.
5. Update and reissue the D&D Handbook of 1993 vintage. The handbook was put together by Foster-Wheeler (who is now Tetra Tech).
6. Create a D&D Hotline manned by a subject matter expert who through various avenues can provide the best solutions to D&D challenges. The Task Group will evaluate a number of options and models, including the Hanford ALARA Center run by Fluor.
7. D&D Committee of Expertise – members submit questions that are farmed out to the group, then the responses are consolidated and redistributed to members by the original submitter.
8. Revitalize the Center of Excellence for D&D Technologies out of Argonne National Lab (with a link to Oak Ridge National Lab). The names of Sam Buttachara and Larry Boeing were provided as those involved originally.
9. Rick Martinez suggested that it may be possible to leverage Patty Bubar's EH monthly Operating Experience Summary to distribute D&D lessons learned that may have direct safety significance.
10. Task Group members could serve as a readiness review resource, either participating directly or serving as points of contact to find the expertise that would be appropriate to participate in a readiness review for a particular project.
11. John Gonsky suggested we might want to have a DD/FE break-out group review the implementation process of lessons learned and best practices orders, including DOE Order 210.2.

Sandra Waisley and Andy Szilagyi updated the Task Group on the EM Technical Integration Workshop October 18 and 19, 2006, in Washington, DC. EM is tasked with developing a Technology Roadmap for the next 10 years, due to Congress by the end of January 2007. The workshop reviewed input from the field offices and their major contractors. Copies of the consolidated technology needs grouped by the five phases of D&D (see Attachment 3) were distributed to Task Group members.

A draft charter for the DD/FE Task Group was discussed, comments on it were resolved, and a final charter (see Attachment 4) was accepted by unanimous vote of the Task Group members present at the meeting. The charter will be reviewed by the DD/FE Task Group Steering Committee and approved by the Sponsoring Director.

Ray Blowitski, DOE Acting Director of the Office of Analysis (HS-32) and author of DOE Order 210.2, provided a briefing on the Order to the Task Group. Ray stressed that although the Order was being coordinated out of the Office of Health, Safety and Security, its scope is not just safety. The Order is intended to provide the systematic review, identification, collection, screening, evaluation, and dissemination of operating experience from a multitude of sources. Ray sees four major areas for metrics to cover: 1) how effectively are lessons learned communicated to the right people in a timely manner, 2) how effective are corrective actions in preventing recurrence of problems, 3) how much cost/schedule have been saved by implementation (qualitative or quantitative) and 4) how well does management support the program. Ray's office publishes biweekly operating experience summaries at web site <http://www.eh.doe/paa/oesummary>


Mike Lackey led discussion of best practices that could be developed by the Task Group members to jump start the system. Copies of the EFCOG Best Practices program brochure (see Attachment 5) and the Template for Developing Your Best Practice Submittal Document (see Attachment 6) were distributed to the Task Group members and determined to be a good format for the Task Group to use. Task Group members agreed to provide a best practice write-up in that format on the following topics (or substitutes).

Best Practice Topic	Responsible
Mold Detection and Remediation during D&D	Bill Stephens
Mechanical / Electrical Isolation (i.e., cold & dark)	Bill Stephens
Use/Application of High-Density Foam Inside Process Systems	Kelly Trice
Bounding Quantities of SNM Based on Neutron Analysis	John Gonsky
Assets for Value Subcontracting	Mike Auble (assistance from Rick Martinez)
Blanket NEPAs	Carol Meincke
Nuclear Fuel Residues in Soil and Building Debris	Gary Hoovler (assistance from Pat O'Neill)
Contamination Control during Open Air Demolition of Facilities	Mike Lackey
Pre-excavation Underground Survey Techniques	Darin Dobbins
Utility Redistribution Planning	Pat O'Neill
Nuclear Safety Planning for D&D	Bob Richardella
Project End State Documentation and Continuation	Harvey Story
Implementation of NFPA Arc Flash Requirements in D&D	Russ Mellor
Early D&D Planning Prior to Deactivation	Rick Martinez
U-Canyon Record of Decision Regulatory Process (SRS interface)	Lanny Dusek
Post-deactivation Surveillance and Maintenance	Carlo Melbihess

The Task Group decided it would be better to wait until the standard EFCOG officer election cycle to elect officers, giving a chance to get to know each other better. Mike Lackey asked that we at least elect an interim Vice-chair and Secretary to provide the necessary bench strength until then. Russ Mellor was elected as interim Vice-chair and Lanny Dusek was elected as interim Secretary by unanimous vote of the Task Group members present at the meeting.

<u>ACTIONS</u>	<u>Number</u>	<u>Action Statement</u>	<u>Responsible</u>	<u>Due Date</u>	<u>Status / Comments</u>
	2006-10-1A	Submit abstracts of Best Practices committed in October 31, 2006, meeting to Andy Szilagyi, Darin Dobbins, and Mike Auble.	Task Group Members	Dec 1, 2006	
	2006-10-1B	Review abstracts of Best Practices committed in October 31, 2006, meeting to ensure no duplication in topic coverage and provide feedback to authors.	Andy Szilagyi Darin Dobbins Mike Auble	Dec 15, 2006	
	2006-10-1C	Complete Draft A of Best Practices committed in October 31, 2006, meeting.	Task Group Members	Jan 31, 2007	
	2006-10-1D	Determine final review mechanism, path for submittal and due date of Best Practices committed in October 31, 2006, meeting.	Mike Lackey	Jan 31, 2007	
	2006-10-2A	Send out current copy of D&D Handbook to Task Group members for review and comment.	John Gonsky	Nov 10, 2006	
	2006-10-2B	Review and comment to John Gonsky on D&D Handbook – what's not current? what's no longer allowed? what's been replaced by a better method?	Task Group Members	Dec 15, 2006	
	2006-10-2C	Work on revising the D&D Handbook and report on status of reissuing the D&D Handbook at the next DD/FE Task Group meeting.	John Gonsky	May 31, 2007	
	2006-10-3	Look into status of DOE moratorium on selling "clean" steel and other recyclable materials from cleanup efforts and report back to the DD/FE Task Group.	Sandra Waisley	Jan 20, 2007	
	2006-10-4	Look into status of the D&D Center of Excellence associated with Argonne National Lab and report back to the DD/FE Task Group.	Andy Szilagyi	Nov 17, 2006	

<u>Number</u>	<u>Action Statement</u>	<u>Responsible</u>	<u>Due Date</u>	<u>Status / Comments</u>
2006-10-5	Review EM Technology needs list distributed in the October 31, 2006, meeting for 1) needs that should be added, 2) comments on the particular significance or insignificance of needs and 3) needs that should not be listed because solutions already exist, and fax or telephone comments to Andy Szilagyi.	Task Group Members	Nov 23, 2006	
2006-10-6	Evaluate ways to distribute best practices (get the word out in a way that promotes their utilization) and report back at the next DD/FE Task Group meeting.	Rick Martinez	May 31, 2007	
2006-10-7	Research and provide feedback to the Task Group members on the following EFCOG administrative issues: <ul style="list-style-type: none"> • Get DD/FE web site setup by EFCOG support staff. • How does WBS fit with utilization of the ISM Working Group Best Practices web site, as discussed by Joe Yanek? • Get samples of other working groups' annual effectiveness reports. • Determine the standard EFCOG cycle for officer elections. 	Lanny Dusek	Jan 15, 2007	
2006-10-8	Gain DD/FE Task Group charter review by the Steering Committee and approval by the Sponsoring Director.	Lanny Dusek	Dec 15, 2006	
2006-10-9A	Publish the DD/FE Task Group membership roster.	Lanny Dusek	Nov 3, 2006	Completed Nov 3, 2006.
2006-10-9B	Contact DD/FE Task Group members that responded to participating in the DD/FE Task Group but did not attend the October 31, 2006, meeting to confirm their membership or delete them from the membership roster.	Mike Lackey	Dec 31, 2006	

Approved By:  Date: 11/14/06
 Michael B. Lackey, P-FC
 DD/FE Task Group Chair