

**Waste Management Working Group
Meeting Minutes
Lawrence Berkeley National Laboratory Meeting
January 13, 14, 2009**

Attendees:

John Ciucci	Jerry O'Leary
Sonny Goldston	Nancy Rothermich
Howard Hatayama	Doug Tonkay
Jim Larsen	Elmer Wilhite
Jerry Long	John Witzeman
Billy Morrison	

Billy Morrison opened the meeting and Howard Hatayama, LBNL EHS Division Director welcomed the EFCOG Waste Management Working Group to Lawrence Berkeley National Laboratory.

Doug Tonkay, from the DOE Office of Disposal Operations was introduced as a DOE member of the WMWG and addressed the group on behalf of Frank Marcinowski with the following:

- We are pleased that EFCOG has decided to form this committee -- we are excited about potential assistance EFCOG can provide as we address waste management challenges.
- We continually face significant challenges with continuing disposal (e.g., Hanford offsite, NV AG challenges, resistance to expanded and new on-site facilities)
- On positive side - there may be a new site at TX (WCS) for disposal of some wastes, as well.
- There has been substantial interest from transition team on waste management issues --including overall national framework on rad waste management. We provided them two papers, one on disposal overview, and one on possible waste management reform initiatives. Their focus groups address some of the same issues.
- We are looking into our ability to provide those papers to the EFCOG group.
- With respect to waste classification
 - We are in an effort to revise 435.1. The schedule is a little uncertain, but at some point, there may be a role for this group to play to help us revise the document.
 - Certainly, for orphan wastes... This group is comprised of those folks on the ground, we look forward to their help in finding solutions to challenging wastes.
- Frank and Christine Gelles are personally looking forward to the outcome from this meeting. Next time any member of the group is in town, they should feel free to call to get on my or Frank's calendar...
- If many of this committee are attending the WM Conference in Phoenix, Frank and Christine look forward to seeing them there.

Billy Morrison briefed the team on his meetings with the EFCOG Board of Directors and Frank Marcinowski (DOE EM Sponsor) in Washington D.C. in December of 2008. The salient points were that the Board has approved this team as an EFCOG "Working Group" and that Frank Marcinowski fully supports this team, the charter and the proposed focus areas. He also noted that John Lehr has agreed to be the NNSA sponsor and we are still trying to confirm the sponsor from Science.

In the working session, the team agreed to pursue the following focus areas:

1. Waste Classification White Papers

Actions:

Sonny Goldston will take the lead with John Ciucci and Jerry O'Leary to develop a white paper providing guidance on classification of waste forms that have been combined for

**Waste Management Working Group
Meeting Minutes
Lawrence Berkeley National Laboratory Meeting
January 13, 14, 2009**

technological/program reasons to determine if the waste form is TRU or LLW. The white paper should provide justification and citations to the DOE Order 435.1 requirements and guidance.

The two approaches discussed:

- The weight of the entire waste form including contaminated inner and outer containers are taken into account in the calc of nCi/ g of TRU isotopes.
- Provide a deminimus TRU mass that can be used to sort LLW from TRU as likely to be LLW.

John Ciucci and Jerry O'Leary will modify and add to Goldston's already written paper and provide a deminimus value with justification. Due in early Feb. Goldston will review changes to the paper, add to it as needed, and send it to the EFCOG WG for comment. Due mid Feb.

Each EFCOG member will estimate cost savings for classification of waste as LLW vs TRU. Due mid March.

The EFCOG will send to Frank Marcinowski (through Doug Tonkey) along with a recommendation for DOE to provide to the DOE Complex for implementation immediately. Due March 09Peer Reviews

Long term:

The EFCOG will ensure the paper is factored into the 435.1 revision.

2. Peer Reviews

The WM Task Group would form a team with appropriate expertise to review a site's specific facility operation or issue as requested and scoped by the host site member. The review would bring to bear complex-wide expertise and specific technical knowledge to assist the requestor with an identified problem or needed improvement. Potential issues to be reviewed may include areas such as certification processes utilized to assure they are cost effective.

The result would be specific recommendations for improvement at the reviewed site and sharing of expertise and capabilities across the complex. Through this process, best management practices and lessons learned would be disseminated. In addition, a list of contractor waste, technical and process experts would be developed into a common data base and made available to provide assistance in targeted areas.

Action:

EFCOG team members to perform an ISMS review and develop a lessons learned of the recently completed waste repackaging efforts at the Nevada Test Site. Billy Morrison will work to get Phillip Coretti to support this effort with help from Jerry O'Leary.

3. Assistance to the DOE Order 435.1 revision effort.

DOE Order 435.1 needs to be revised after 10 years of lessons learned. DOE plans a revision and the EFCOG WMWG could provide expertise and experience to the revision effort.

Action:

Billy Morrison and Sonny Goldston to contact Marty Letourneau to offer assistance to the 435.1 revision effort. The intent would be to have EFCOG Waste Management members be the point of contact for the DOE facilities that they represent.

Ed Yatsko worked with the WMWG and together it was determined that the WMWG Website would contain the following:

- Group Charter

**Waste Management Working Group
Meeting Minutes
Lawrence Berkeley National Laboratory Meeting
January 13, 14, 2009**

- Full membership listing denoting the Chair, Vice Chair, and Secretary (initially just contact information, company affiliation, and current project but later will include photographs of each member)
- A list of site/project SME's
Action: each current member will be assigned the SME for his/her project
- Archives accessible to anyone
- Archives accessible to WMWG members only
- "Ask the WMWG section" to allow waste groups to ask questions to the WMWG

Nancy Rothermich will take the lead on organizing and developing the agenda for the next WMWG meeting to be held on March 5th in Phoenix (Waste Management Conference).

Other actions:

1. Provide Bio and picture to Billy Morrison for inclusion on website (responsibility: all)
2. Revise Focus Areas and issues list. (responsibility: Sonny Goldston)
3. Send Billy Morrison the In Situ Closure guidance document CERCLA vs 435.1 for large facilities such as Reactors. (responsibility: Sonny Goldston)
4. Billy Morrison, working with Nancy Rothermich, will secure a Science sponsor before our next meeting in March.
5. The WMWG will have monthly conference calls on the second Wednesday of each month (not to include months where we have scheduled meetings). The first conference call is scheduled for February 11th at 2:00 pm EST). (responsibility: Billy Morrison to set up conference call)
6. The WMWG determined that any new members from January 14, 2009 forward will be proposed to the team and voted on. A simple majority will determine acceptance. (this amendment will be added to the group charter: responsibility Billy Morrison)

Meeting adjourned on January 14, 2009