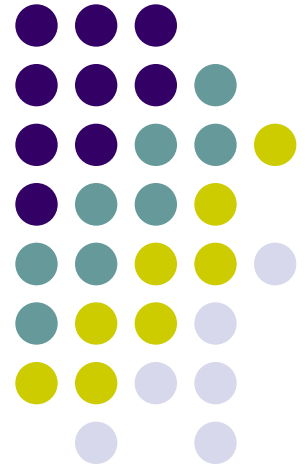


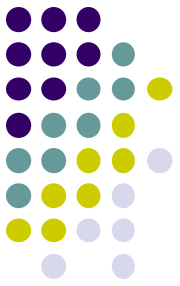
“EFCOG’s Knowledge Portal Review” 2010 Waste Management Symposium



Billy Morrison
Waste Management Working Group
Chairman
March 9, 2010

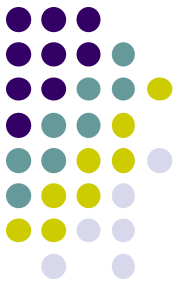


Background



- ***Approved as a Working Group by the EFCOG Board of Directors in Dec. 2008***
- ***Membership***
 - *The EFCOG WMWG has 35 active members, representing 28 companies*
 - *Doug Tonkay is our DOE liaison*
- ***Working Group Sponsors***
 - *DOE EM – Frank Marcinowski*
 - *DOE NNSA – John Lehr*
 - *DOE Science – David Michlewics*
 - *EFCOG Executive Committee – Susan Stiger*
- ***Officers***
 - *Chair – William (Billy) Morrison, EnergySolutions*
 - *Vice Chair – Welford (Sonny) Goldston, Savannah River Nuclear Solutions*
 - *Secretary – Ginger Humphries, Savannah River Nuclear Solutions*

What we're about



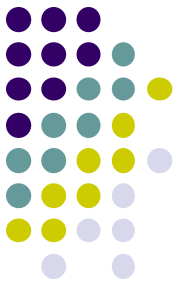
- Vision
 - to leverage the expertise and experience of contractors to the U.S. Department of Energy (DOE) to focus on complex wide integration and technology transfer while supporting cost effective and efficient waste management options.
- Purpose
 - To seek out and promote the best management and operating practices, cost effective technologies and disposal options for all waste streams generated at DOE facilities
 - Enhance complex wide communication and maintain a priority on safety, environmental stewardship and security.
- Objectives
 - Work with the EFCOG Board of Directors and DOE sponsors to identify and address issues that have broad impact on waste generators, storage, treatment and disposal facilities throughout the DOE complex.
 - Promote, coordinate and facilitate the active transfer of best practices, procedures, lessons learned and other salient information that can benefit all contractors in the DOE complex.

Accomplishments

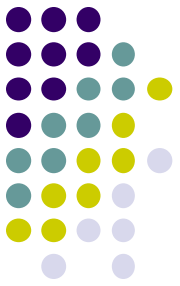


- The WMWG developed a white paper which was designed to allow generators to use the legacy contaminated waste containers as a part of the waste form.
- The WMWG worked to support the efforts of the Complex-Wide Review of the DOE Order 435.1 “Radioactive Waste Management”.
- We have been able to use the considerable experience of our team to provide peer reviews and advice on several waste issues.
- The team conducted a forum where generators and contractors with treatment and disposal capabilities got together and populated spreadsheets with waste volumes, types, expected treatment and disposal dates needed, container types, and special waste issues.

Best Practices



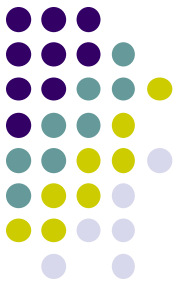
- Best Practice 1: Recognition of when a waste matrix is classified as LLW or TRU each time a waste matrix is transferred to another processing step or facility has been recommended as a best practice to DOE by the WMWG. Actions taken to process a waste matrix for technological reasons may result in the waste being reclassified. The entire waste stream weight should be taken into account for the calculation of TRU concentration to determine if the waste is TRU or LLW.
- Best Practice 2: Utilization of the Radioactive Waste Management Basis (RWMB) to include a white paper for classification of a problem waste form to obtain DOE approval of the classification.
- Best Practice 3: Use of NDA technology at NTS to determine "hot spots" in a large box container managed as TRU waste to determine if an item can be removed that is TRU and, thus, reclassify the entire container as LLW for disposal after the "hot spot" item is removed. Transfer of this technology and strategy was accomplished from NTS to SRS, and is identified as a best practice across the complex.



2010 Focus Areas

- Continue to support DOE O 435.1 Update
- Orphan Waste
- Waste Characterization guidance
- Scrap metal moratorium
- Implementation of subgroups for HLW/Science

WMWG Quarterly Meeting



- Session 88, Thursday 8:30 – 12:00