

# *Savannah River Recovery Act Program*

*Department of Energy  
Savannah River Site  
Aiken, South Carolina*



U.S. DEPARTMENT OF  
**ENERGY**

## *Presentation to Nuclear Materials Subcommittee Meeting*

### *Depleted Uranium Oxide (DUO) Update*

April 26, 2011

Presented by

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# DUO Drum Conditions



Overpacking operations



# Previous DUO Disposition Campaigns



**Campaign 2 – 7,296 85-gal overpacked IP-2 drums to UT FY04-06, boxcars**



**Campaign 1 – 3,270 55-gal drums to UT FY03 Open-top gondola cars w/ "Superload" wrappers as container**



# Previous DUO Disposition Campaigns (continued)



**Campaign 3 – 5,408 55-gal drums to UT FY09, DOE-owned lidded gondola cars as IP-1 container**



**Campaign 4 – 4,015 55-gal drums to NTS FY08-09 w/ modified cargo containers**



# DUO Disposition Campaign – Utilizing the new soft-sided bags



# 1<sup>st</sup> Shipment Inspection and Disposal at Nevada



**Pallet and bag bottom**

**No Degradation after  
2200 mile trip**



**Tops of bags**



**Awaiting receipt at NNSS**



**Disposal unit at NNSS**



# Summary

- ❖ **Campaign is expected to complete in September 2011**
- ❖ **To date over 3000 of the approximate 9400 drums have been shipped to Nevada National Security Site**
- ❖ **10 of the 56 rail cars have been unloaded**

