Presentation to Nuclear Materials Subcommittee Meeting

Depleted Uranium Oxide (DUO) Update

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Presented by

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DUO Drum Conditions

55-gallon drums stored in 714-7N

Overpacking operations

Drums needing overpacking in 85-gallon drums
Previous DUO Disposition Campaigns

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

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

Bottom of the bag

Drum Pallet placed on bottom of bag

Top portion of bag in place and being banded

Bag being placed on flatbed trailer

6 bags on the trailer

Load ready
1st Shipment Inspection and Disposal at Nevada

No Degradation after 2200 mile trip

Pallet and bag bottom

Awaiting receipt at NNSS

Disposal unit at NNSS

Tops of bags
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