

Disassembly and Sanitization of Classified Matter

Disassembly Sanitization Operation

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Presented by:

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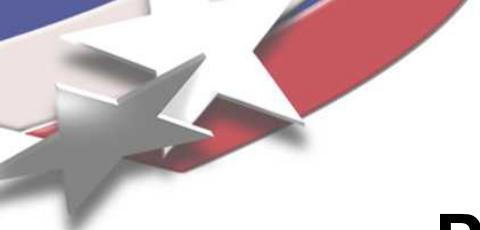
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OVERVIEW

- **Introductions**
- **Project Overview**
- **Present Capabilities**
- **Future Capabilities**
- **Questions and Answers**



PROJECT OVERVIEW (History)

- Environmental Restoration Project of the Classified Waste Landfill at Sandia
- Project Started February 1998 and was completed September 2004
- In June 2001, the site was determined by the NMED as “Clean”
- The Material was removed from the site
 - 1 ½ acre site remediated, 40,000 Cubic Feet of Soil
 - 30 Sea-Land (48') Transportainer
 - Secure Material Storage, in a 10,000 Square Foot Building 922



PROJECT OVERVIEW HISTORY (Cont'd)



1 ½ Acre Site

Main Office and
control area for the
project

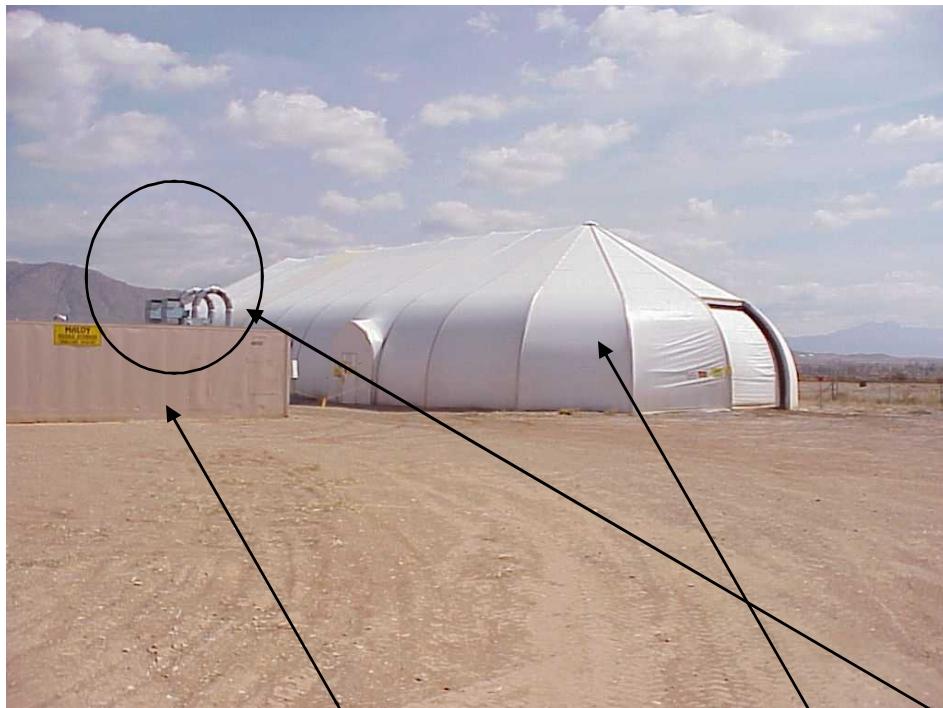
Demil Operations Site

Material storage area
and Transportainers

Classified Landfill Site



PROJECT OVERVIEW HISTORY (Cont'd)



Sea-Land Transportainer

Sprung Structure

- **Demil Operations Site**
 - A Sprung Type Structure
 - 7,500 Square foot
 - \$80K
 - Disposable

Local Exhaust



PRESENT CAPABILITIES

Inside Sprung Structure



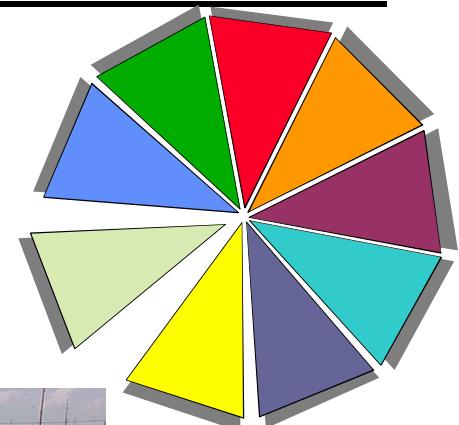
Beryllium Controlled Area
Controlled Area (Rad)
Heavy Duty Parts Shredder
Heavy Duty Ring Mill



PRESENT CAPABILITIES



Classified component
(not really)





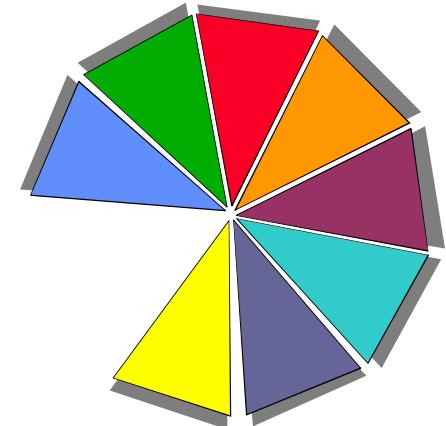
PRESENT CAPABILITIES



B-53
Weapon
(Mock-up)

Air Reactive
Material

Types of
Materials
Removed

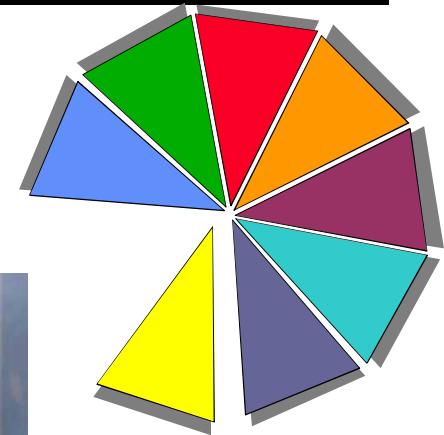




PRESENT CAPABILITIES



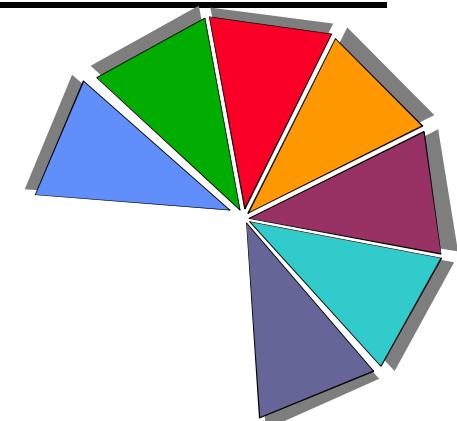
Various D



Various Demil Techniques



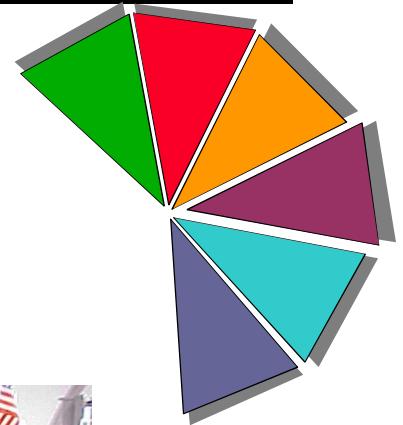
PRESENT CAPABILITIES



Common Shop Tools



PRESENT CAPABILITIES





PRESENT CAPABILITIES

- Materials Segregated by Type
(Pb, Al, SS)
- Classifier Review
- Material Sent Off-site
(Recycler, Solid, Haz Waste)
- Procedures For Operations
(WI, OP's and SOP's)
- Highly Trained and Skilled Personnel
(Explosives, Clearances, Hazardous Materials, Lead and Beryllium Awareness)



DSO OVERVIEW

Linking the Process

- Land Fill Clean-up Project Completed Sept 2004
- Neutron Generator Production Facility
- Pantex Plant Amarillo, TX
- Other Projects
 - Hard Drives
 - Visually Classified
 - Sensitive Materials Management



CONCLUSIONS AND DISCUSSIONS

- **Questions.**
- **For More information you can contact**

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