

# Progress at the PADUCAH PROJECT

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Update to the Citizens Advisory Board

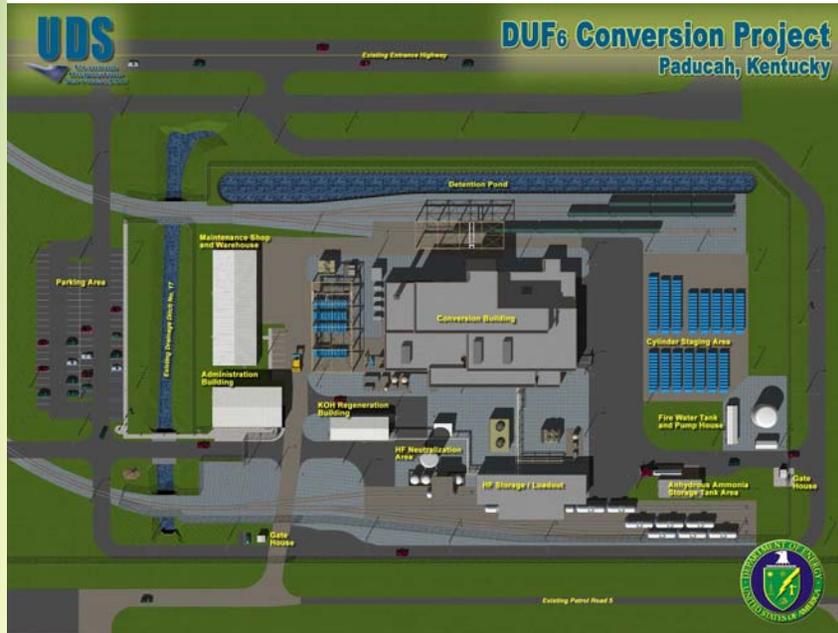
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# DUF<sub>6</sub> Conversion Project



- Site preparation work substantially complete
- Underground utilities installation in progress
- Construction of warehouse and administration buildings to begin May 2005
- Facility 90% design work completed in March 2005 and undergoing DOE review and approval





# DMSAs

- Drummed material being removed, sorted, characterized, segregated, and repackaged.

	<b>March</b>	<b>Project Life</b>
• Characterized	1,400 cubic feet	632,000 of 866,000 cubic feet
• Packaged	1,200 cubic feet	269,000 cubic feet
• Shipped	6,900 cubic feet	229,000 cubic feet

Loading waste from DMSA OS-17



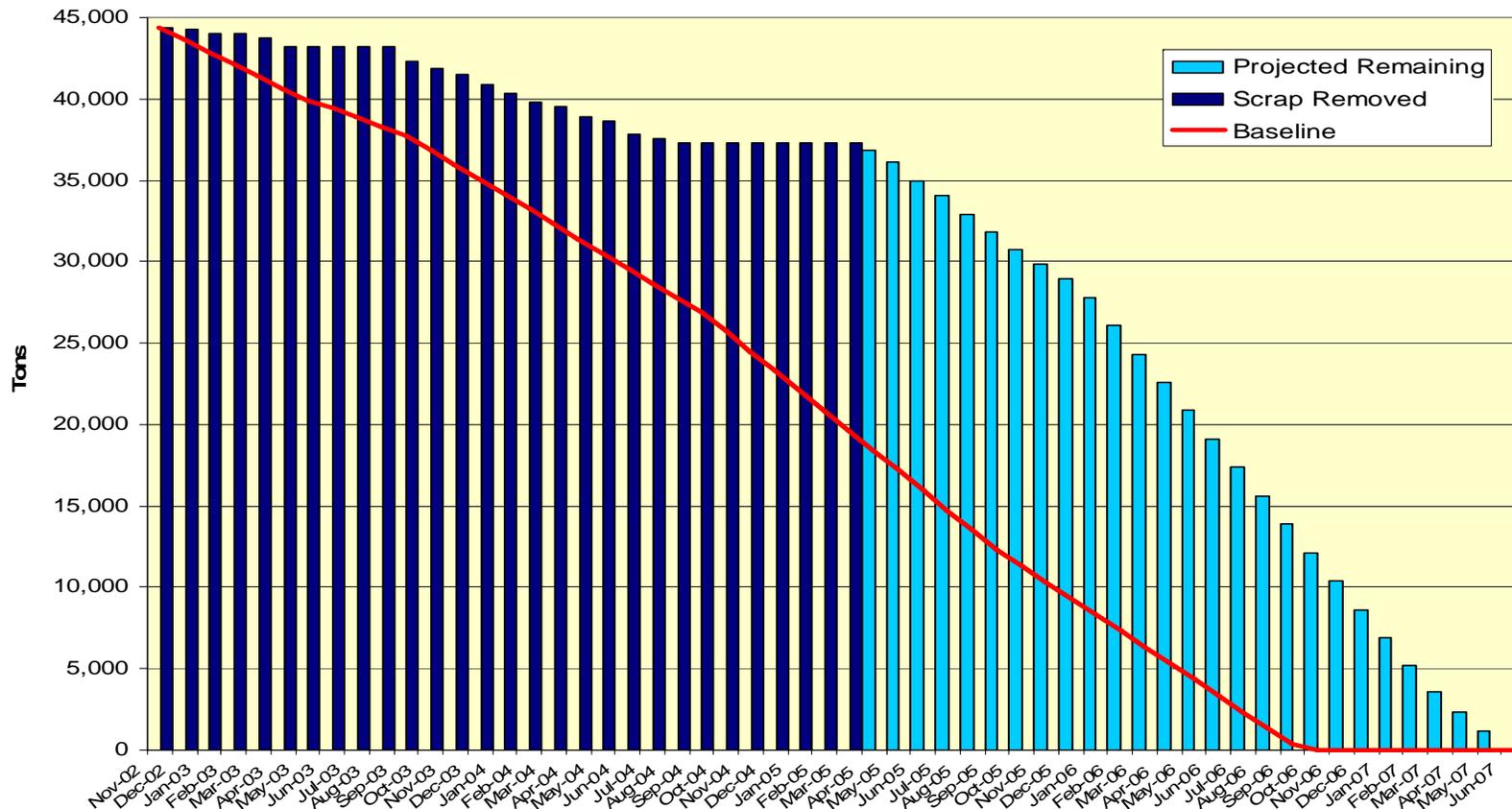
DMSA OS-17 waste leaving PGDP





# Scrap Metal Removal

- Scrap metal shipments continued to be suspended during March
- D-Yard field crews continue to downsize scrap; over 1,700 tons backlogged and ready for loading/shipment
- More than 30% of metal turnings have been processed and ready for disposal pending approval of security plan



\* A revised forecast will be presented once transportation issues are resolved



# Scrap Metal Turnings

- Approximately 620 of 3,000 drums of machine turnings processed through end of March
- All 3,000 drums to be disposed at Envirocare by October 2005



1



2



4



3



5

Processing drums  
of metal turnings

5



## C-410 D&D

- Completed demolition and packaging of material from Zone 19, Electrical Switchgear Room
- Completed approximately 70% of demolition in Sector 1, Zone 21
- Completed non-friable asbestos abatement activities in C-410 (floor tile and mud from piping insulation)
- Preparing to ship low-level waste scrap metal (platforms, railings, walkways, structural steel) from the HF Tank Farm to Envirocare



Before & after removal of Zone 19 switchgear



# Inactive Facilities D&D

Nitrogen Facility

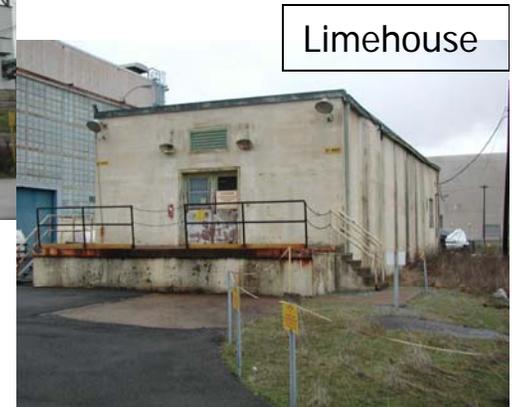


- The work package, sampling plan and RFP for D&D of Nitrogen Facility are in preparation
- Regulatory notification of work within a SWMU was issued to EPA and KDEP

Incinerator



Limehouse



- The removal notification for the Limehouse, Contaminated Item Incinerator, and West End Smelter was issued to EPA and KDEP
- The Engineering Evaluation/Cost Analysis for the three facilities is being developed

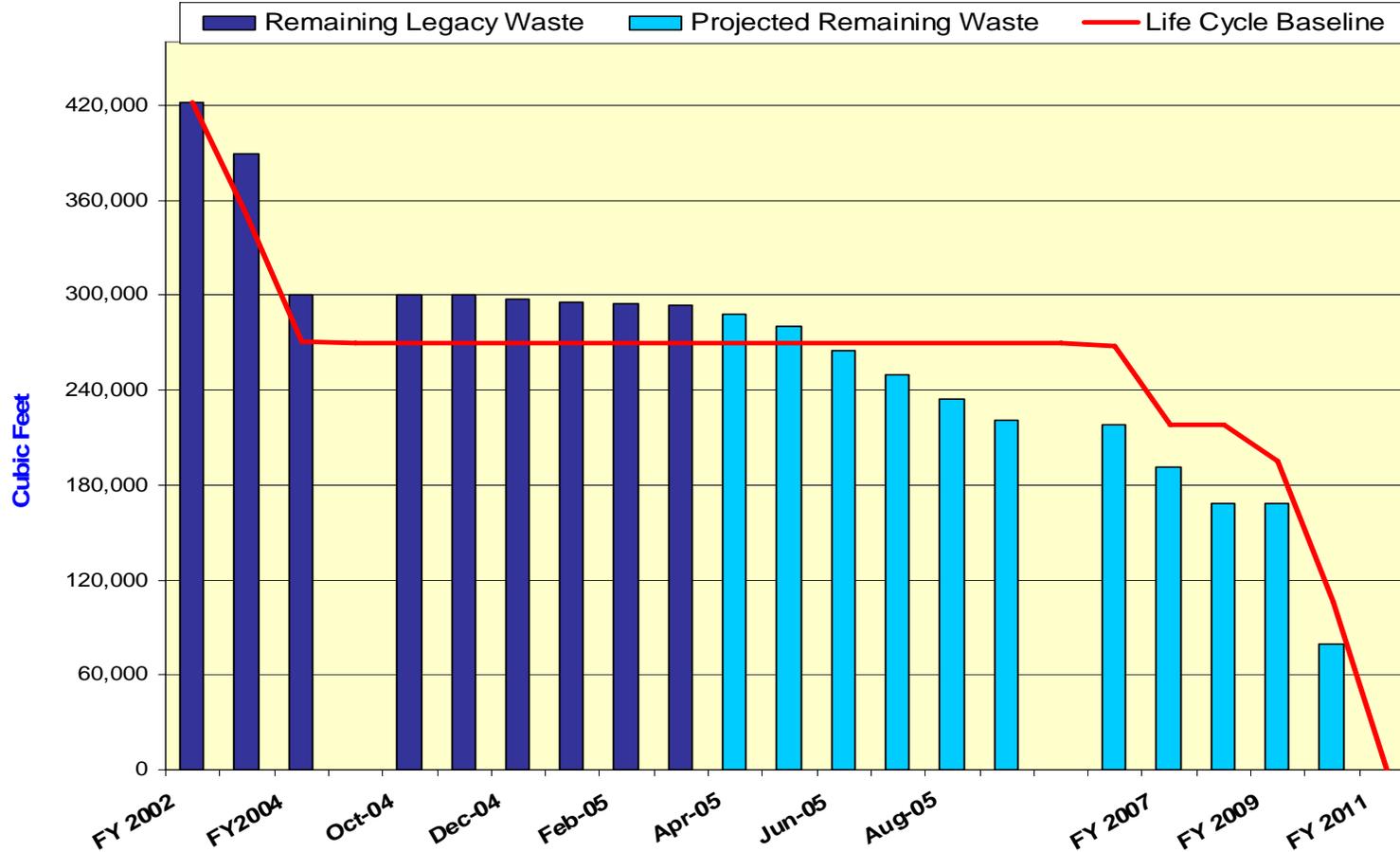


West End Smelter



# Legacy Waste Disposition

- Shipped 190 cubic feet of mixed waste offsite for treatment/disposal
- Disposed 953 cubic feet of Agreed Order waste and 3,779 cubic feet of newly generated waste in the C-746-U Landfill
- Continued processing Agreed Order waste for landfill and Envirocare





# Groundwater Operable Unit

## **C-400 ROD**

- EPA notified DOE March 16 that the revised D2 ROD satisfied their comments; Kentucky comments pending
- ROD approval anticipated in May-June

## **Southwest Plume**

- D1 Site Investigation/Risk Assessment Report submitted to regulators on February 17, 2005
- D1 Proposed Plan to be submitted to regulators by July 2, 2005



# Surface Water Operable Unit

## Project Status

- D2 Sampling and Analysis Plan (SAP) submitted to regulators on December 15, 2004
- EPA approved D2 SAP; Kentucky conditionally approved
- SAP is currently in formal dispute to resolve Kentucky conditions
- Mobilization activities for site investigation tentatively planned to begin in the Spring



# Burial Grounds Operable Unit

## Project Status

- Meeting held March 17 to discuss regulator comments on Scoping Document; comments will be incorporated into RI/FS Work Plan
- D1 RI/FS Work Plan to be submitted to regulators by June 30, 2005



The burial ground at SWMU 6  
-- below DMSA OS-17



# Transition to New Contractor

## Transition Status

### -- Infrastructure

- Infrastructure awards announced March 16, 2005
- Swift & Staley Mechanical Contractors, Inc. awarded Paducah contract to complete transition by June 26, 2005

### -- Remediation

- An award was initially announced naming North Wind
- Unsuccessful bidders filed protests
- The protests were dismissed and/or withdrawn
- Final resolution forthcoming
- Work on cleanup projects continuing

