

Progress at the PADUCAH PROJECT

Update to the Citizens Advisory Board

March 17, 2005



William Murphie
U.S. Department of Energy
Manager
Portsmouth/Paducah Project Office



DUF₆ Conversion Project

Feb. 20, 2005



- Site excavation is completed in the conversion facility area, and nearing completion for utilities
- Installation of storm drains and utility lines nearing completion
- UDS preparing to award contracts for Warehouse and Administration Building

March 15, 2005





Projects Being Accelerated

D & D



Nitrogen Facility

- Hydrogen holder tank D&D already completed eight years early
- Nitrogen Facility accelerated six years, from FY 2011 to FY 2005



Projects Being Accelerated

D & D requiring an EE/CA:



- Incinerator accelerated four years, from FY 2010 to FY 2006



- West End Smelter accelerated three years, from FY 2009 to FY 2006

- Limehouse accelerated two years, from FY 2008 to FY 2006





Projects Being Accelerated

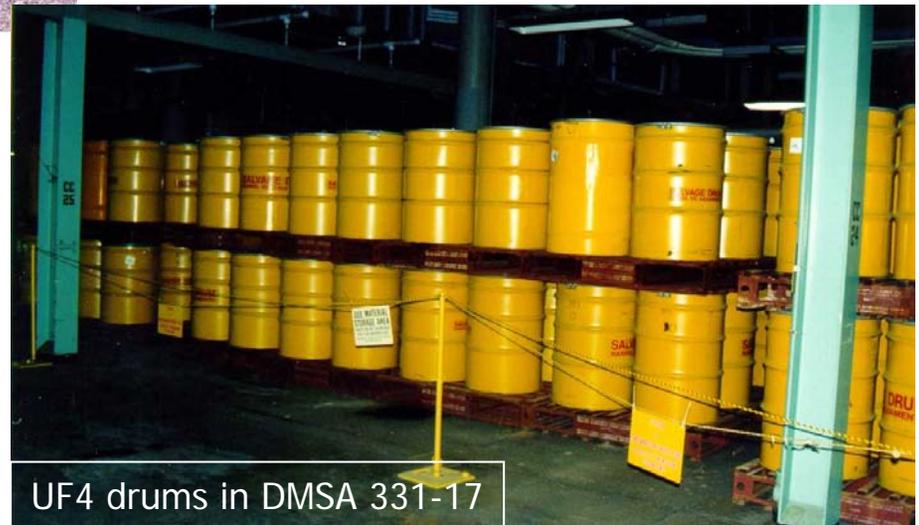
Waste Disposition



Legacy LLW stored outdoors

- Disposal of 50,000 cubic feet of LLW stored outdoors accelerated 3 years, from FY 2009 to FY 2006

- Disposal of approximately 1900 UF4 drums accelerated two years, from FY 2007 to FY 2005



UF4 drums in DMSA 331-17



Projects Being Accelerated

DMSAs

- Complete characterization, packaging and disposal of C-331-01 a year earlier (FY 2006 to FY 2005) & C-333-43 two years earlier (FY 2007 to FY 2005)



DMSA OS-14

DMSA C-333-43

13,480 cubic feet of material



2,994 cubic feet uncharacterized



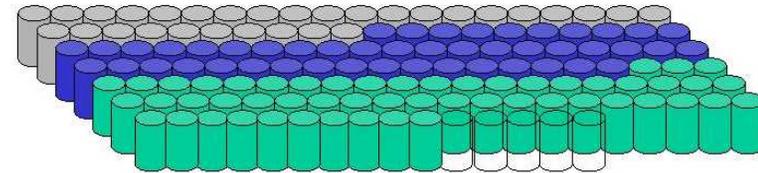
4,657 cubic feet characterized, awaiting repackaging



5,312 cubic feet characterized, repackaged, awaiting disposal



517 cubic feet disposed



= 100 cubic feet

- Size reduction, packaging and disposition of materials in OS-14 accelerated one year, from FY 2006 to FY 2005



DMSAs

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

February

Project Life

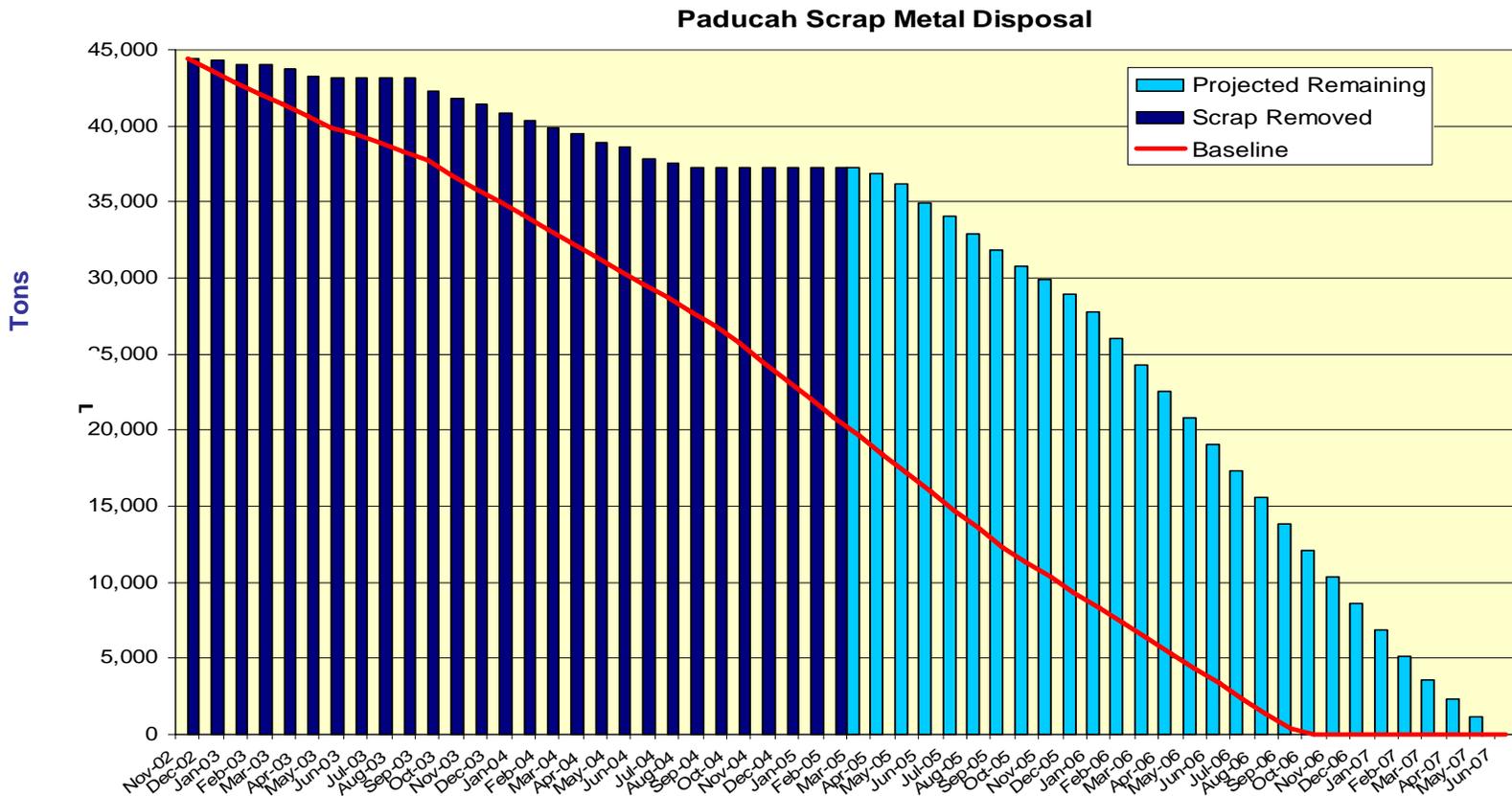
- Characterized 1,100 cubic feet 635,000 of 866,000 cubic feet
- Packaged 2,440 cubic feet 188,676 cubic feet





Scrap Metal Removal

- Scrap metal shipments remained suspended in February
- BJC is continuing to work to resolve shipping issues
- Field crews have 1300 tons of scrap downsized and ready to load for shipment



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



Scrap Metal Turnings

- 450 of 3,000 drums of machine turnings processed through end of February (total count of drums re-estimated from 3,900 to 3,000)
- Shipping security plan for Northwest scrapyard project to Envirocare has been approved
- All 3,000 drums to be disposed at Envirocare by October 2005





C-410 D&D

- Completed shipment of 17 B-25 boxes of mixed low-level waste tank residuals and HF piping from HF Tank Farm to Envirocare
- Completed approximately 50% of demolition in Sector 1, Zone 21.
- Initiated 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

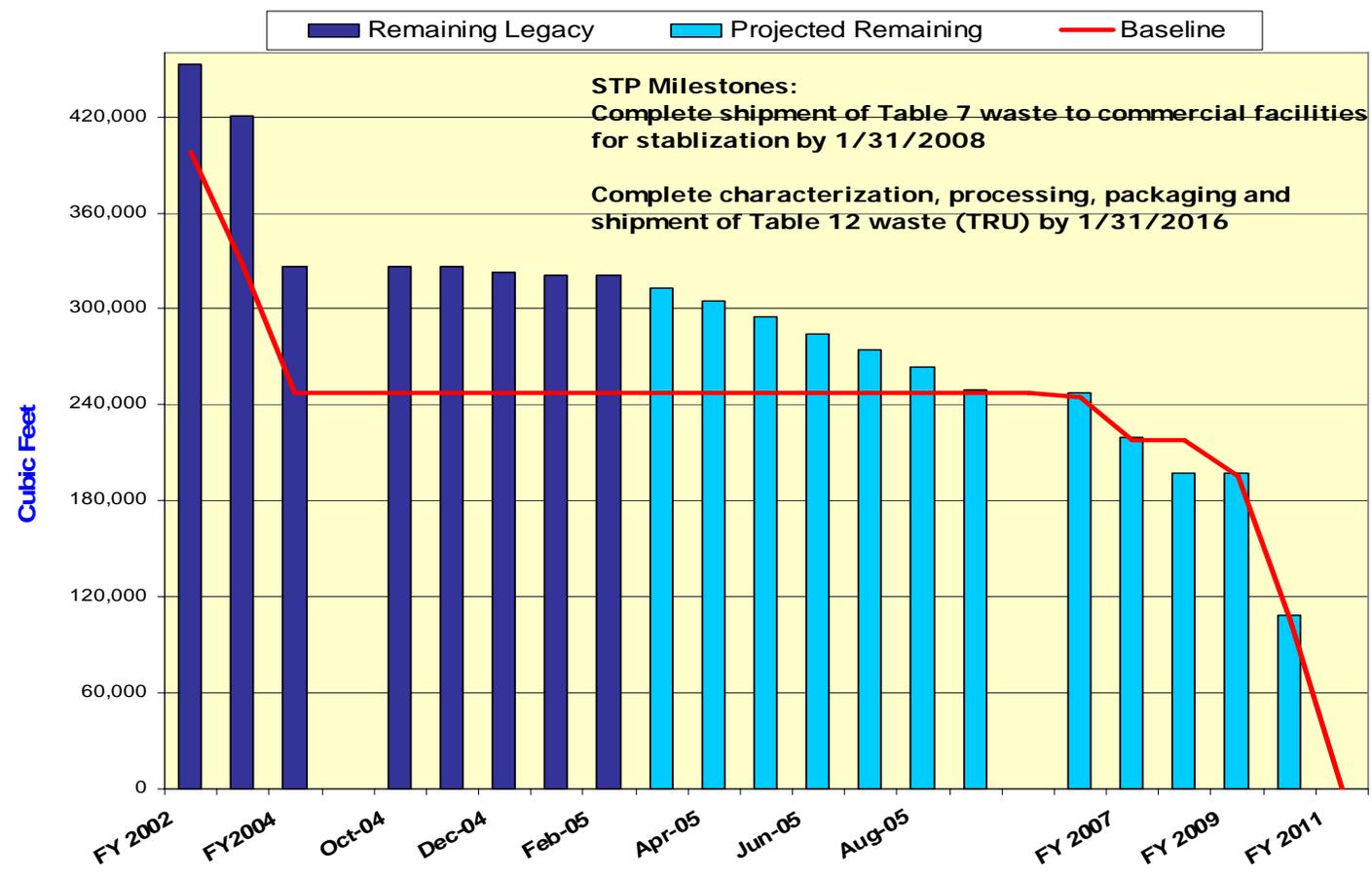


Before & after removal of Sector 1 piping & conduit



Legacy Waste Disposition

- Shipped 176 cubic feet of Legacy MLLW to Envirocare in February
- Disposed 696 cubic feet of Agreed Order waste and 1,080 cubic feet of newly generated waste in the C-746-U Landfill
- Began processing Agreed Order waste for shipment to 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 mid-April

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 informal 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 today to discuss regulator comments on Scoping Document
- D1 RI/FS Work Plan to be submitted to regulators by June 30, 2005



Transition to New Contractor

Transition Status

-- Infrastructure

- Infrastructure awards announced March 16, 2005
- Swift & Staley Mechanical Contractors, Inc. awarded Paducah contract

-- Remediation

- Protests filed staying execution of the contract with North Wind Paducah Cleanup Company, LLC
- Public access to status is at the Government Accountability Office web site, www.gao.gov/decisions/bidpro/bidpro.htm
- Contract with Bechtel Jacobs Company extended through May, with further options for extensions
- Work on cleanup projects continuing

