

Progress at Paducah

Paducah Citizens Advisory Board

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July 19, 2007

EM *Environmental Management*

safety ❖ *performance* ❖ *cleanup* ❖ *closure*



Inactive Facilities - C-405 Incinerator



- Building structure removal completed early July
- 1,030 square foot facility
- More than 5,400 ft³ of waste generated, including Low-Level Waste and Mixed Low-Level Waste
- Disposal on-site and off-site



A trackhoe equipped with special shears removes the metal structure.

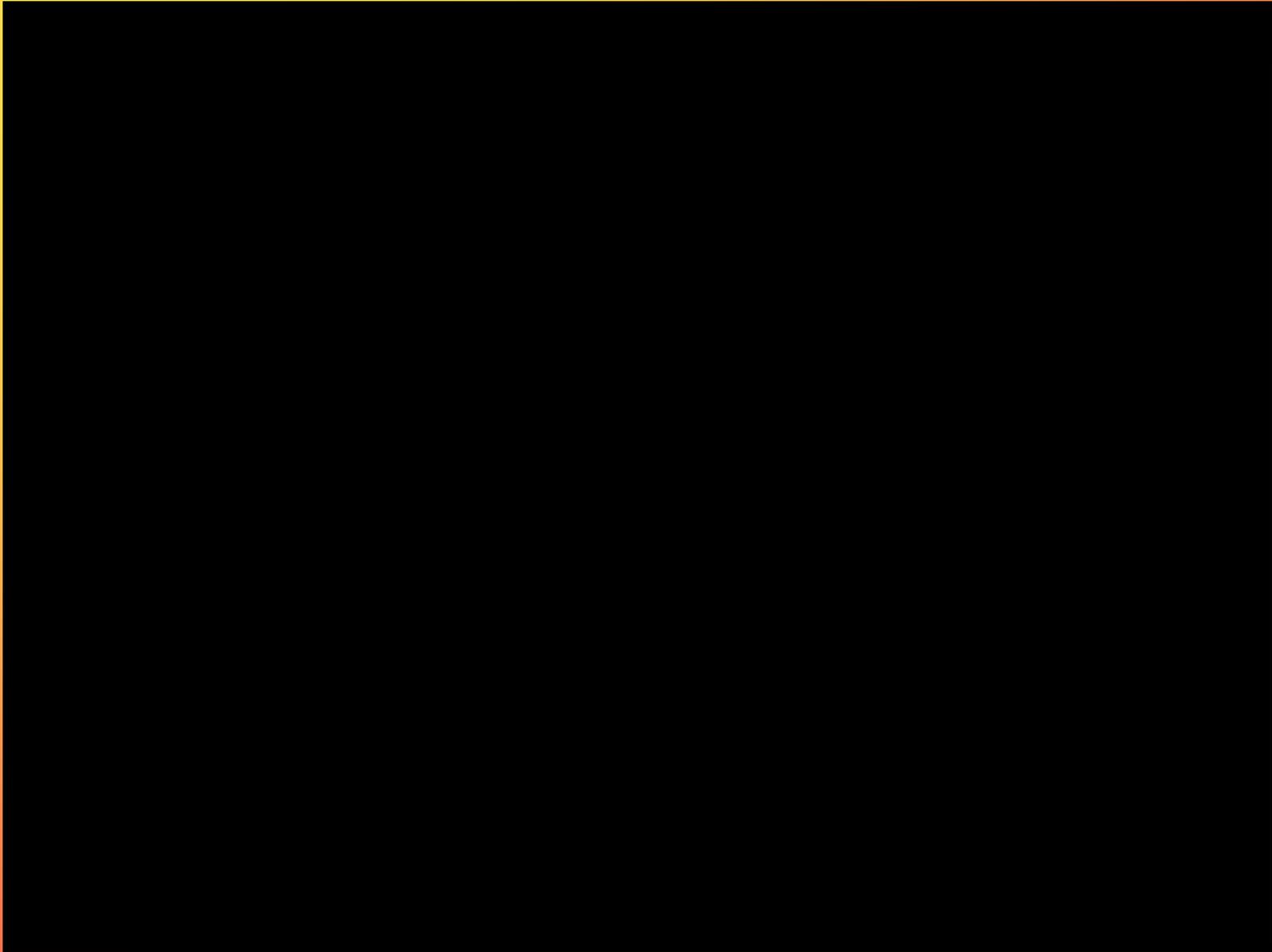


Inactive Facilities C-405 Incinerator

Right, C-405 before demolition; far right, the smokestack is demolished; bottom, the site after demolition.



Inactive Facilities C-405 Incinerator



DUF6 Conversion Project

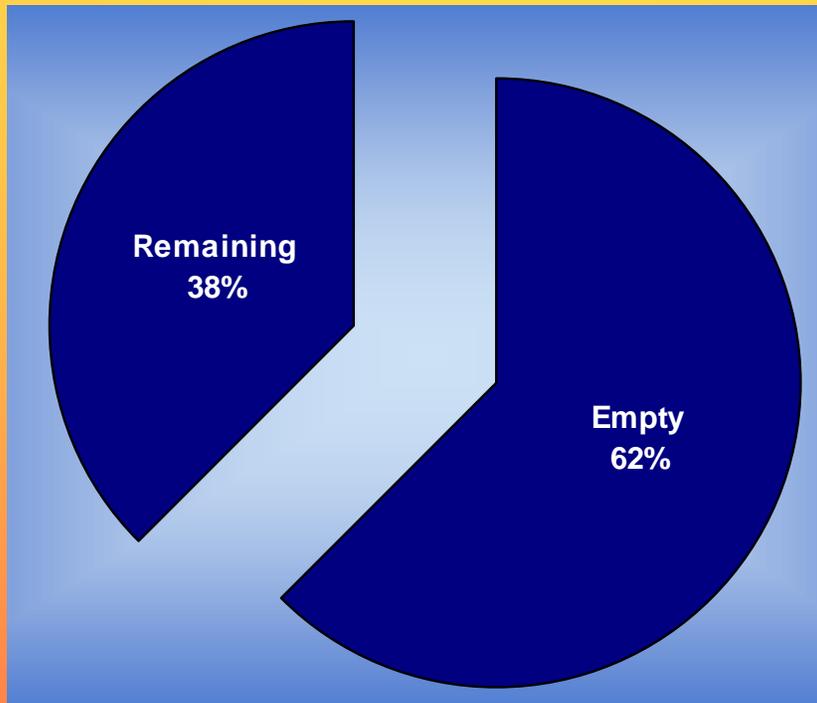


Left, workers pour the nitrogen equipment pad, the last major foundation pad to be installed; above, the site shown from the southeast side.



DOE Material Storage Areas

100 of 160 DMSAs now completely empty



- Less than 1 percent of the total material removed from DMSAs was hazardous
- Once material is removed, additional processes must be followed to transfer DMSA to USEC
 1. RCRA closures must be performed for DMSAs containing hazardous materials (40 to date)
 - Inspection/certification by PRS/DOE that DMSA is complete
 - State verifies completion
 - No Further Action determination
 2. USEC inspection and verification



EM Environmental Management

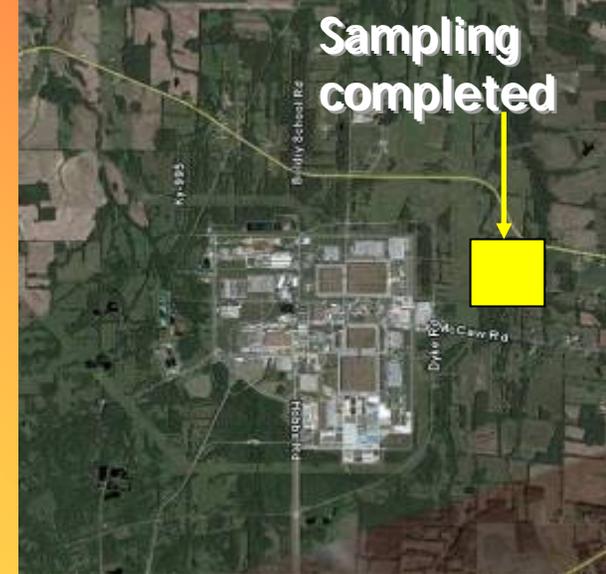
safety ❖ performance ❖ cleanup ❖ closure



Soil Pile "I" Sampling



A subsurface sample is prepared for shipment to the lab for analysis.



- All sampling completed week of July 9
- Preliminary lab data beginning to be returned
- Composite field and lab data will be compared to calculate risk-based action levels as appropriate





DOE Portsmouth/Paducah Project Office