

**Silo 3** - A third concrete silo contains 5,100 cubic yards of cold metal oxides, byproducts of the site's uranium processing operations. Fernald is preparing to remove, condition and transport the waste to an off-site disposal facility and is scheduled to complete the project in 2005.



7325-D0846



7792-164

**Waste Pits** - During uranium processing operations, Fernald placed thousands of tons of low-level radioactive waste and debris in six waste pits. To clean up the 37-acre waste pit area, which also includes a burn pit and clearwell, Fernald is excavating the area; sorting, crushing or shredding the waste; treating the waste to reduce moisture content when necessary; and loading the waste into railcars for shipment to a commercial disposal facility. Fernald is scheduled to complete excavation, processing and loading operations in 2004 and demolition of the equipment and treatment facilities in 2005.

#### **Waste Management/Nuclear Material Disposition -**

Fernald has two waste streams: production-generated waste that includes solid and low-level radioactive waste, hazardous waste and mixed waste, which is both hazardous and radioactive; and cleanup-generated waste that includes demolition debris and contaminated soil. Fernald is characterizing, treating, packaging and transporting waste inventories for on-site or off-site disposition. In 2002, Fernald completed shipments of the 31 million pounds of nuclear product that remained in storage since 1989, eliminating a radiological source and reducing landlord and surveillance costs associated with storing and managing the product. Fernald is scheduled to complete all legacy waste disposition activities in 2004.



7368-D0097



7391-D05

**Future of Fernald** - In preparation for site closure in 2006, stakeholders are focusing on future issues that will impact Fernald and the community after cleanup is complete. Following a series of public workshops called *The Future of Fernald*, DOE approved final land use and public plans that are consistent with Fernald's natural resource restoration goals. Over the next few years, DOE and Fluor Fernald will continue to work closely with stakeholders and regulators to determine long-term site stewardship and other post-closure issues.



#### **For more information**

Visit the Public Environmental Information Center on site, open Tuesdays and Thursdays  
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