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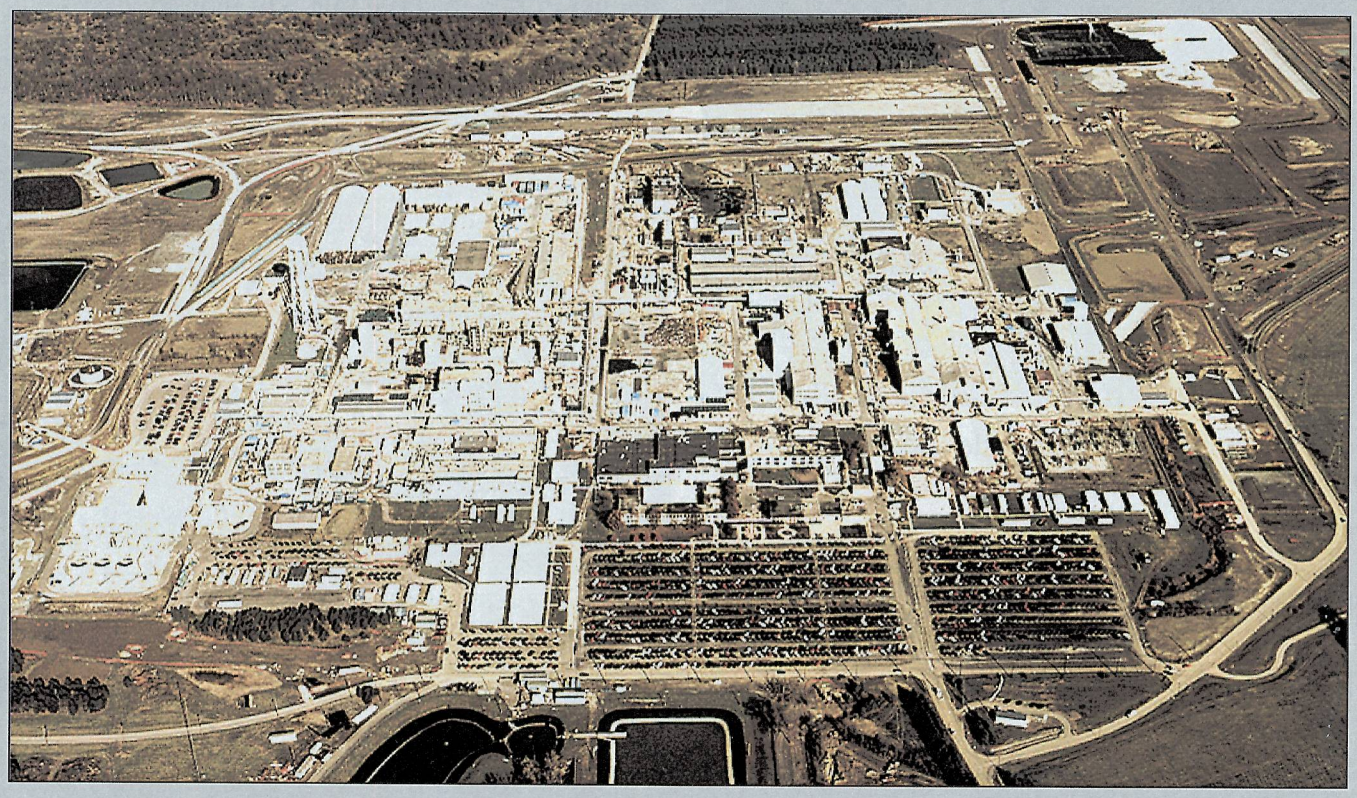
Fernald · FACT SHEET
Environmental Management Project
March 2001

Fernald Demolition Projects



From 1952 to 1989, the Fernald site produced high-grade uranium metal used for plutonium production at other DOE sites (6787-12).

Description

The Demolition Projects Division is responsible for the above-ground remediation of more than 250 structures and associated equipment at the U.S. Department of Energy's (DOE) Fernald Environmental Management Project. These facilities are part of the former Operable Unit 3, one of five areas designated by the U.S. Environmental Protection Agency (EPA) as requiring remediation.

Cleanup Plan

When Fernald completed its mission of producing uranium in 1989, many production facilities, including process lines and equipment, still contained quantities of raw, intermediate and finished uranium products. Following an extensive public review process, the EPA and the DOE signed a Record of Decision (ROD) in 1996 which represented a final cleanup plan for the production facilities. Together, DOE and Fluor Fernald, the company hired to clean up the site, will accomplish the following:

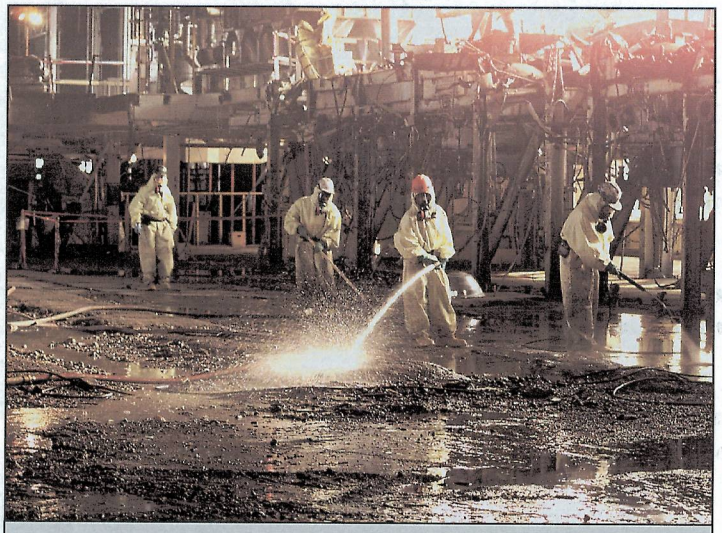
- Remove nuclear product stored inside Fernald buildings;
- Clean out the buildings and equipment;

Fernald's Safe Shutdown workers completed isolation of utilities and cleanout of process lines, pipes, and equipment in March 1999 (6401-162).

- Decontaminate and dismantle (D&D) these facilities; and

- Treat and dispose of contaminated materials generated by this work.

This plan is in step with the site-wide remedial strategy of shipping higher-contaminated materials off-site for disposal while disposing of less-contaminated waste in the On-Site Disposal Facility (OSDF). Building demolition and soil excavation have been coordinated to avoid re-contaminating clean areas. Most of the building debris, materials and excavated soils will be housed in the OSDF, but DOE and Fluor Fernald will evaluate recycling options and new technologies to help cut down on the amount of this material that will require disposal.



Laborers wash down the floor of Plant 5, the Former Metals Production Plant. Plant 5 is the seventh major complex to undergo D&D at the site (6401-D567).

For more information . . .

Visit the Public Environmental Information Center at 10995 Hamilton-Cleves Highway (Delta Building);
Attend a Cleanup Progress Briefing (second Tuesday of every month at 6:30 p.m. on site);
Contact John Trygier, DOE-Fernald D&D project manager at 513-648-3154 or at john.trygier@fernald.gov; or
View the Fernald Web site (http://www.fernald.gov).

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