

Waste Disposal Options Long-Term Stewardship

FMI

A Commitment to Long-Term Stewardship

DOE has an office of Legacy Management to ensure site cleanup actions remain protective, including providing all necessary long-term care.

Regulations and DOE operating rules require long-term care of closed waste facilities including, but not limited to,

- **40 Code of Federal Regulations Section 264**
- **401 Kentucky Administration Regulations Chapter 34**
- **DOE Order 5400.5**
- **Compliance reviews by DOE Review Group as required by DOE Order 435.1**

Examples of Long-Term Stewardship for Disposal Facilities



Dept. of Energy - Fernald, OH site

Surveillance, maintenance, and monitoring would be defined in documents reviewed and approved by regulators and inspected for settlement/slumping, establishment of trees, burrowing animals, erosion channels, fence integrity, and signage condition

Maintenance to repair deficiencies discovered through routine surveillance

Unanticipated failures would be addressed through CERCLA response actions

Groundwater sampling wells

Institutional controls to limit entry/land use

CERCLA reviews would be required every 5 years to verify the facility remains protective