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Radwaste Solutions

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Features

Decontamination and Decommissioning

Getting "Fired" Up: Size-Reduction with an Oxy Gasoline Torch

The West Valley Demonstration Project size-reduced the Process Mechanical Cell cranes with an oxy gasoline torch and plans to use the technology in future D&D applications at the site.

The EPRI DFD Process: Decontaminating Retired Components and Reactor Coolant Systems Following Plant Shutdown

The EPRI DFD Process is a dilute chemical decontamination process specially developed to remove radioactive deposits from inside the primary system of retired nuclear power plants.

D&D . . . and Now Demolition: Taking Down Big Rock Point's ASD Building A photo essay on Big Rock Point's first building demolition.

Decommissioning: Thinking Through to the End

A perspective on the end state of decommissioning.

Other Features

Taking it Step by Step: Finland's Decision-in-Principle on Final Disposal of Spent Nuclear Fuel 30

Since 1983, Finland has been taking a stepwise approach to siting a repository for spentfuel disposal. The recommended site selection was ratified by the country's parliament in May 2001.

A New Day for Radioactive Waste Management Activities in Korea A look at radioactive waste management policy in Korea.

The Nuclear Materials Focus Area: Meeting End-User Needs through Technology Development and Deployment

The DOE's Nuclear Materials Focus Area conducts an R&D program to develop technologies supporting the safe management and expeditious stabilization and disposition of excess nuclear materials, including spent nuclear fuel.

Decommissioning Hot Topics

A report from the 2001 American Nuclear Society Annual Meeting.

Taking Another Look at Reprocessing

Reprocessing spent nuclear fuel could provide a path to resource conservation as well as safe waste disposal.

Spent-Fuel Storage: Rhetoric, But No Resolution

A report from the 2001 American Nuclear Society Annual Meeting.

Catching Up with Clearance Criteria

A report from the 2001 American Nuclear Society Annual Meeting.



The rubble that used to be the Alternate Shut Down Building at Big Rock Point. See photo essay beginning on page 24 on the building demolition at the Point.

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On the Cover:

The oxy gasoline torch cutting and removal of the PMC cranes at the West Valley Demonstration Project. The D&D workers are tied off for safety as they work to install the new crane after the old ones had been removed. See article beginning on page 10 on the successful oxy gasoline cutting operation.

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Utility

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Operations