

Radwaste Solutions

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Bats in the belfry? No, bats in the reactor building. See the article beginning on page 48 to see the trouble these critters caused at the Hanford site.

Features

Cover Stories—Transportation

Transportation Cooperation: Involving Corridor States in Decision Making Contributes to the Success of the DOE's Transportation Program

In the Midwest, a partnership between the states and the DOE shows how the right approach to transportation planning can get the job done.

DOE Strategic Plan for the Safe Transportation of Spent Nuclear Fuel and High-Level Radioactive Waste to Yucca Mountain

The Strategic Plan presents the strategy and describes the process OCRWM will use to work cooperatively with all interested parties to refine the transportation system as it is developed.

Waste Management 2003 Best Oral Papers

Fire in the Tunnel! A Study of Effects on a Spent Fuel Transportation Cask

Can spent fuel transportation cask designs withstand the thermal conditions experienced in the Baltimore tunnel fire?

Transporting the Moab Uranium Mill Tailings to White Mesa Mill by Slurry Pipeline

Slurry pipelines are becoming an increasingly common means of moving large volumes of materials. They don't compete with other surface transportation corridors and do not interfere with ongoing commerce on existing highways and rail lines.

Other Features

Just Tooling Around: Conventional Equipment Makes Light Work of Decontamination Challenges

Engineers and operators at the West Valley Demonstration Project are using conventional equipment for not-so-conventional operations.

Bats, Owls, and Cocoons: Hanford's F Reactor Interim Storage Project Complete

Some aspects of F Reactor cocooning were more challenging than the two previous reactor cocooning projects at Hanford.

It Takes a Team: The Omega West Reactor D&D

The nature of the Omega West D&D project made it essential that the laboratory and the contractor establish an effective project management team and close working relationship.

EPRI Comes to Dounreay: The Cooperative Assistance Program for Waste Management

Dounreay was running a world-class waste processing facility with a world-class quality assurance system but operating at the back end of a relatively inefficient waste management process. Then EPRI was invited in.

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On the Cover:

30 A shipment of transuranic waste prepares to depart from Argonne National Laboratory-East on its way to the Waste Isolation Pilot Plant in New Mexico. The article beginning on page 13 looks at the issue of involving corridor states in decision making in the DOE transportation program. (Photo courtesy of the Illinois Emergency Management Agency, Division of Nuclear Safety, 2003.)

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