

Radwaste Solutions

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Monitoring evacuated canister operations at the West Valley Demonstration Project. The article beginning on page 21 discusses the completion of the vitrification project at West Valley.

Features

Cover Stories—Solid Materials Release

Eluding Consensus: Free Release Standards for Decommissioning Projects
This article, developed under the aegis of the ANS Special Committee on Site Cleanup and Restoration Standards, summarizes the issues, the progress, and the limitations of efforts in the area of free release standards and their impact on decommissioning projects and costs.

Other Features

The TFTR Is Cleared Away: A Chapter's End in the History of Fusion
In September 2002, staff at PPPL completed the dismantling and removal of the Tokamak Fusion Test Reactor.

After 30 Years in the Canal: INEEL's Spent Fuel Moved from Wet to Dry Storage
INEEL demonstrates commitment to risk reduction.

Powering Down at West Valley: Nation's First Vitrification Program Ends Successfully
On September 5, 2002, the West Valley Demonstration Project became the first HLW vitrification project in the nation to be successfully completed.

Hot Resin, Hot Filters, and Constant Scaling Factors
Some methods for obtaining representative samples from high-activity radwaste, including practices to verify that a sample is representative by comparing it to package dose rates or historical scaling factors.

Reversibility and Retrievability in Radioactive Waste Disposal—Part II
Reversibility and retrievability have been brought to prominence because the ability to reverse decisions and retrieve waste has a direct bearing on the decision-making process for repository implementation.

Long-Term Care: Managing UKAEA Waste Package Lifetimes—During Interim Storage and Beyond
Because of the uncertainty as to when a waste repository in the United Kingdom will open, the UKAEA must ensure not only that radioactive waste is contained and controlled, but also that the stainless steel containers in which the waste is currently packaged will not degrade during storage.

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On the Cover:

Demolition debris at the Maine Yankee decommissioning project. Decommissioning utilities are concerned about the lack of formal NRC guidance on solid materials release. The article beginning on page 9 looks at the many sides of the issue. (Photo by Bill Bryant. Reproduced courtesy Maine Yankee.)

Next Issue:

Transportation