A PUBLICATION OF THE AMERICAN NUCLEAR SOCIETY

Radwaste Solutions

Volume 8, Number 2 March/April 2001



Features

Cover Story—Removing the K-Basins Fuel

Down Payment on Protecting the Columbia River

In December 2000, important steps were taken in the DOE's program to move the K-Basins spent fuel away from the Columbia River and onto higher, drier ground.

Other Features

Repackaging a Transuranic Waste Stream for WIPP Disposal

To certify TRU waste according to WIPP Waste Acceptance Criteria, the LANL Transuranic Waste Characterization/Certification Project team initiated a project to open drums of waste, expand the volume into more drums, assay the drums, place the drums into standard waste boxes, and remove layers of confinement.

The Evolution of Spent-Fuel Waste Packages: Designing the Means to Permanently Dispose of U.S. High-Level Nuclear Waste

The combination of Yucca Mountain's natural features and technology-based engineered components supports a defense-in-depth approach to isolating bigb-level nuclear waste.

The D&D Focus Area:

Bringing New Technologies to the D&D Toolbox

A look at the DOE's program to identify, develop, demonstrate, and assist the deployment of improved D&D technology systems.

The Risk of CERCLA Liability Associated with DOE-Generated Scrap Metal

Whether and how CERCLA and SREA's liability carve-out applies to DOE-generated scrap metal remains unclear.

Dismantling the Recirculation Pump Room at Big Rock Point

Big Rock Point employees have meticulously labored in dismantling the recirculation pump room, in the process cutting and removing miles and miles of piping.

Connecticut Yankee Decommissioning: Removing, Restoring, and Reusing

What happened in 2000 and what's coming in 2001.





Big Rock Point employees monitor a cutting machine from a remote location during dismantlement of the plant's recirculation pump room. See article on pages 56–58 on the dismantlement operation.

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The first truckload of spent fuel from Hanford's K-Basins emerges from the building, on its way to the drying facility. See article beginning on page 8 for details.

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Low-Level Waste