

Radwaste Solutions

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It's a dig-in. See photo essay beginning on page 40 for details.

Features

Cover Stories—Environmental Remediation

Remediation of Uranium-Impacted Sediments in a Watercourse 12

Remediation of the "Site Brook" waterway was driven by the need to remove contaminated floodplain soil and sediments while limiting the impacts to the surrounding ecological environment.

Closing Waste Tanks at the Savannah River Site:

It's Never As Easy As It Looks

Featuring the adventures of Frankie, G.I. Joe, and the Sand Mantis.

Cocooning Hanford's N Reactor—And Other River Corridor Closure Activities 24

The mission of Hanford's River Corridor Closure Project is to clean up 220 square miles of land along the Columbia River, which includes D&D of 316 contaminated buildings, remediating 548 waste sites, and cocooning two reactors.

DOE Reclamation Work at the Moab Site 34

The Moab Uranium Mill Tailings Remedial Action Project is relocating approximately 16 million tons of uranium mill tailings for disposal.

Multiple Waste Retrievals at Hanford's C Tank Farm 40

As Hanford's C Farm Retrieval Manager Dave Saueressig notes: "We had to pick up the pace of retrieval. Being in three tanks at once not only shows we can do it, we are doing it and doing it safely."

Other Feature

Deactivation and Decommissioning Knowledge Management: A Partnership Among the DOE, Contractors, and Academia 46

To prevent the D&D knowledge base and expertise from being lost over time, the DOE and the Applied Research Center at FIU have developed the web-based Knowledge Management Information Tool to capture and maintain this important information.

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Good Stewardship of the Past to Build the Future 53

A report from the American Nuclear Society's 2012 Decommissioning, Decontamination and Reutilization Embedded Topical Meeting, held June 24–28, 2012, in Chicago, Ill.

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On the Cover:

At the Savannah River Site, six trucks per hour, eight hours a day, five days a week, have been pouring more than 3.2 million gallons of grout into Tanks 18 and 19 as part of the tanks closure activities. Articles in this issue focusing on environmental remediation look at tank clean-outs and closures at both SRS and the Hanford site; tailings cleanup in Moab, Utah; Columbia River corridor remediation at Hanford; and a stream remediation at a former fuel cycle facility.

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2013 Buyers Guide