Features

Cover Story—High-Level Waste

The Nation’s Largest Construction Project: Designing and Constructing Hanford’s Waste Treatment Plant

Bechtel National Inc. is designing and constructing the world’s largest radioactive waste treatment plant, tasked with turning a legacy of Cold War radioactive waste into glass for safe and permanent disposal.

Other Features

Tackling Tough Challenges at SRS: Deactivation and Materials Disposition at F Area

In 2002, when F Area leaders first began planning how to deactivate their facilities, the challenge seemed significant. When they began to delve more fully into the task ahead of them, it became even more daunting.

Fernald Cleanup Effort on the Move Again: K-65 Material Shipped to WCS

In June, the Fernald site began shipping its Silos 1 and 2 material to the Waste Control Specialists facility for temporary storage.

Precise Cleaning inside Tanks

The Directed Spray Mast was initially conceived to solve a specific problem at the Savannah River Site but has applications well beyond the site.

The “Poplar” Solution: How’s It Working?

A followup report on how poplar trees are cleaning up TCE-contaminated groundwater at the Portsmouth Gaseous Diffusion Plant.

Making the Impossible Possible: Closing Rocky Flats—Ahead of Schedule and under Budget

Cleanup and restoration of the Rocky Flats plant is set to be completed within weeks, more than a year ahead of an ambitious schedule with a closure target of December 2006.

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On the Cover:

Aerial view of Hanford’s High-Level Waste Vitrification Facility, taken in July 2005. For more on this major construction project, see the article beginning on page 14. (Photo courtesy Bechtel National Inc.)

Next Issue:

First Annual Buyers Guide; also International Projects