

# Radwaste Solutions

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If you know what this is, you probably worked at Oak Ridge. If you don't, turn to the meeting report beginning on page 51 to find out.

## Features

### Cover Stories—Environmental Remediation

#### Environmental Remediation of Hanford's River Corridor

*It would be a mistake to assume the cleanup activity at any of Hanford's 370 cleanup sites is routine. Workers have to assume the worst and expect the unexpected.*

#### Putting the Stimulus to Work

*On April 8, the DOE's Savannah River Site received \$1.6 billion to clean up remnants of the Cold War, employ locals, stimulate the economy, and restore hope.*

#### Accelerating SRS Tank Closure with Help from Partners, Technology

*The DOE's decision to break the liquid waste operations out of the Savannah River Site's management and operations contract reinforces the department's top risk-reduction priority to clean up and close waste tanks.*

#### Construction Progress at Hanford's Waste Treatment Plant

*A photo essay on construction at the 65-acre, four-facility Waste Treatment Plant.*

### Other Features

#### Waste Confidence, Waste Packaging, and Other Issues

*Comments by NRC Commissioner Dale E. Klein.*

#### Disposal of Low-Level Radioactive Waste

*An American Nuclear Society Position Statement.*

#### Returning HEU Fuel from the Czech Republic to Russia

*A description of the successful completion of one of the largest shipments of Russian research reactor highly enriched uranium spent nuclear fuel.*

### Meeting Report

#### Yesterday, Today, and Tomorrow in Focus at Meeting Sessions

*A report from the 2009 American Nuclear Society Annual Meeting in Atlanta, Ga.*

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## On the Cover:

Aviation lights at the top of the Savannah River Site's 450-foot K Area cooling tower must be changed regularly, requiring workers to physically climb the tower to do the work. Stimulus money, however, will fund the implosion of the tower sometime before the end of fiscal year 2011, meaning no more grueling climbs to the top of the tower. Articles beginning on page 12 look at environmental remediation and cleanup efforts at the DOE's two largest legacy waste sites, SRS, in South Carolina, and the Hanford Site, in Washington State. (Photo courtesy U.S. Department of Energy.)

## Next Issue:

## 2010 Buyers Guide