Features

Cover Stories—Low-Level Waste

Unwanted and Orphan Sources: Disposition Efforts and Challenges
When radioactive sources are abandoned, lost, or stolen, state radiation control programs, as well as federal regulatory agencies, may become involved to find a way to dispose of the sources.

Low-Level Waste Issues in the Spotlight at WM11

WCS Begins Construction of LLW Disposal Facilities in Texas
The first U.S. Class A, B, and C low-level radioactive waste disposal facility in more than 30 years is being constructed in Andrews County in far west Texas.

Other Features

DWPF: Old Work Horse, New Tricks
Teaching an old work horse new tricks will lead the Savannah River Site’s 15-year-old Defense Waste Processing Facility to increased waste canister production, new process enhancements, and significant life-cycle cost savings.

Thinking Back to Front: A Comprehensive Approach to Dealing with the Everlasting Nuclear Waste “Problem”
To date neither the nuclear industry nor the federal government has been able to build and demonstrate an operational, working solution for commercial nuclear waste. It’s time for a new approach.

Work at the DOE’s Largest Closure Site Is 75 Percent Complete
Since 2005, Washington Closure has placed one reactor and one nuclear facility in interim safe storage, demolished 71 buildings, cleaned up 185 waste sites and burial grounds, and expanded the ERDF twice.

309 Building Demolition at Hanford
The demolition and disposal of Hanford’s 309 Building will cost about $11 million and be completed by the fall of 2013.

What We’ve Heard
A staff summary of major themes in testimony and comments received to date by the Blue Ribbon Commission on America’s Nuclear Future.

Meeting Reports

Life After Death? Yucca Mountain and the Blue Ribbon Commission

Global Achievements and Challenges in Nuclear Waste Management

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On the Cover:

Construction has begun at the Texas Compact’s low-level waste disposal site in western Texas. Articles beginning on page 12 look at low-level waste from many angles, including the disposal problems with sealed sources, coverage of LLW sessions from Waste Management 2011, and the construction of the Texas LLW disposal facility.

Next Issue:

Decontamination and Decommissioning