

Radwaste Solutions

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Well drilling at Hanford. The article beginning on page 26 looks at work being done on the vast site's Central Plateau.

Features

Cover Stories—Low-Level Waste

July 1, 2008—Just Another Day in the Life of Low-Level Radwaste Generators

After July 1, 2008, where will Class B/C LLW Go? This is a question being asked by generators, by service providers to those generators, by industry groups, and by politicians, regulators, and the media.

EPRI Takes on Low-Level Waste Disposal Issues

Since late 2006, EPRI has been investigating alternatives to the current criteria for low-level waste disposal classification.

Low-Level Waste Storage Options, Concerns

A report from Waste Management 2008, held February 24–28, 2008, in Phoenix, Ariz.

Other Features

Tackling the Central Plateau: The Final Frontier at Hanford

Fluor Hanford is investigating Central Plateau waste sites at Hanford with a goal of identifying areas of contamination in soil and solid waste sites, to further cost-effective and appropriate decisions on remediation.

In-Situ Nuclear Measurements for Decommissioning: Recent Trends and Needs

This article describes some recent achievements regarding onsite measurements in decommissioning operations: gamma imaging; CdZnTe gamma spectrometry; low-level, high-resolution gamma spectrometry; and user-friendly calculation codes.

Meeting Reports

Yucca Mountain: Healthy or on Its Deathbed?

A report from the NRC's 2008 Regulatory Information Conference, held March 11–13 in Rockville, Md.

Record Attendance for Waste Management's First Show in Phoenix

A report from Waste Management 2008, held February 24–28, 2008, in Phoenix, Ariz.

Technology Note

Simulating Pulse Jet Mixing in Nuclear Waste

One of the major challenges in treating Hanford's tank waste is keeping the solids in the waste in suspension during processing without risking mechanical breakdowns that would require repair and disposal of contaminated equipment. Fluidic pulse jet mixers have been chosen to meet this challenge.

9 Departments

Editor's Note	4
<i>Comments on this issue</i>	
14 Headlines	5
<i>Industry news</i>	
Index to Advertisers	57
ANS Membership Application	59
Marketplace	61
<i>Products and services</i>	
Moving Up	62
<i>People in the news</i>	
26 It's Business	63
<i>Contracts, business news, etc.</i>	
<i>Radwaste Solutions</i>	
Subscription Information	63
Calendar	66
<i>Meetings of interest</i>	
39	

On the Cover:

Unloading an LLW transportation cask at the Waste Control Specialists site in Andrews County, Texas. Articles beginning on pages 9, 14, and 22 in this issue look at options for generators of low-level radioactive waste once the Barnwell, S.C., disposal facility closes in July.

52 Next Issue:

*Environmental
Remediation*