

Radwaste Solutions

Volume 11, Number 5
September/October 2004



D&D workers spend just another day at the "office," suspended high above the ground. To check out what they are working on, see the article beginning on page 36.

Features

Cover Stories—Environmental Remediation

A "Poplar" Solution to Groundwater Contamination

Phytoremediation at the Portsmouth Gaseous Diffusion Plant.

Tests, Tests, and More Tests at Big Rock Point

Soil and water at the Big Rock Point Restoration Project undergo scrutiny worthy of a project destined to return the site to a green field.

Hanford's Tank C-106 Project: The First of Many

Emptying the first of the Hanford Site's aging radioactive waste storage tanks is a giant step toward eliminating a serious environmental threat.

Other Features

Finding (and Counting) the Needles in a Haystack: Estimating the Radioactivity in the XC1 Hot Cell at West Valley

West Valley Nuclear Services Co. faced a daunting task in order to estimate the residual radioactivity remaining in Extraction Cell 1.

Small Business Tackles Big Challenge

Hanford contracts with small businesses on D&D projects.

Decommissioning the Building A59 Hot Cells at Winfrith

The A59 Building "caves" at Winfrith have no spelunkers, just nuclear D&D workers.

Hot Topics and Regulatory Issues

A report from the 2004 ANS Annual Meeting in Pittsburgh, June 13–17.

"Easter Bunny Numbers" and Other Solid Materials Release Issues

A report from the 2004 ANS Annual Meeting in Pittsburgh, June 13–17.

15 Departments

Editor's Note 4

Comments on this issue

20 Word for Word 6

What others are saying

Headlines 8

Industry news

24 Index to Advertisers 57

Marketplace 59

Products and services

It's Business 60

Contracts, business news, etc.

Moving Up 62

People in the news

Calendar 63

Meetings of interest

31 Publisher's Statement 64

On the Cover:

36 Using poplar trees for phytoremediation of contaminated groundwater is just one technique being used to clean up nuclear sites around the country. Several articles in this issue address environmental problems and solutions.

50

Next Issue:

53 *Utility Waste
Operations*