

Radwaste Solutions

Volume 7, Number 4
July/August 2000



Features

Cover Story—Spent Fuel

Regulating Dry Cask Storage: A Radwaste Solutions Interview with the NRC's Susan Shankman and Randy Hall 10

The U.S. Nuclear Regulatory Commission's is trying to become more effective, efficient, and realistic in its regulatory actions.

Courts Say Take or Pay: Litigation Related to the U.S. Department of Energy's Failure to Accept Spent Nuclear Fuel 15

Litigation, rather than the actual management and disposal of spent fuel, has become one of the most characteristic aspects of the U.S. civilian high-level radioactive waste program.

Other Features

Decommissioning One, Operating Two: At San Onofre, Breaking Up Is Hard To Do 20

At San Onofre, workers face unique challenges decommissioning a shutdown unit on the same physical location as two operating units.

Stud Cleaning Made Easier: Reducing Time, Effort, and Radwaste at the South Texas Project 24

A report on the 1999 TIP Award-winning device that mechanizes a dangerous manual task.

A Repository on the Doorstep: Finland's Low- and Intermediate-Level Waste Repository at the Loviisa Nuclear Power Station 26

The granite bedrock at Finland's Loviisa power station has enabled the country to excavate a repository for the final disposal of L/ILW within the boundaries of the station site.

New Technologies in the SRS "Toolbox" 28

The DOE has successfully deployed five new technologies that will improve the safety and efficiency of deactivation operations at the Savannah River Site in South Carolina.

Long-Term Stewardship—Part I: The Nature of the Problem 35

Part I in a two-part series on the issues in the U.S. Department of Energy's long-term stewardship program to ensure that site remediation work will remain protection for future generations.

Good Things Can Happen When the Public Gets Involved: Gaining Public Acceptance of Nuclear Waste Management Activities 45

It is essential that citizens be given the opportunity to learn about nuclear waste disposal and about how to participate in formulating decisions to help guarantee safety to humans and the environment.

Exploring the World of DD&R: Big Issues, Hot Topics, Cost Considerations, and More 51

A report on sessions at the 2000 ANS Annual Meeting in San Diego.

To subscribe to *Radwaste Solutions*, ANS members should call (708) 579-8266; nonmembers/institutions should call (708) 579-8208. Subscription prices for 2000: ANS members, \$35; nonmembers, \$70; Libraries/institutions. \$355.



Cleanup of the B-33 Building at the K-25 site in Oak Ridge. A debate on the DOE's economic development program at cleanup sites like this begins on page 55.

Departments

Editor's Note 4

Comments on this issue

Headlines 6

Industry news

It's Business 62

Business news, contracts, etc.

Marketplace 64

Products and services

Index to Advertisers 65

ANS Membership Application 67

Moving Up 60

People in the news

Calendar 70

Meetings of interest

Subscription card	opp. 00
Reader service card	opp. 00
Index to Advertisers—Faxlink	72
ANS Membership Application	73

On the Cover:

(Background) Moving a cask to the North Anna Independent Spent Fuel Storage Installation (ISFSI) (Photo courtesy Dominion Energy). (Inset, top) Loading a cask at the Calvert Cliffs ISFSI (Photo courtesy Constellation Energy Group). (Inset, bottom) The Palisades ISFSI (Photo courtesy Consumers Energy). The interview beginning on page 10 looks at the regulation of dry cask storage in the United States today.

Next Issue:
Environmental Remediation