

Radwaste Solutions

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Asian clams are more than just a possible lunch option. In the right spot, they can be bio-markers for ecological damage. See article beginning on page 28 for details.

Features

Cover Stories—Yucca Mountain

What's Next for Yucca Mountain

A look at what's new at the mountain, the budget, the license application, transport, the effects of fuel recycling, and more.

Perspective: Breaking the High-Level Waste/Spent Fuel Logjam

Proposed Health Physics Society waste management policy, presented by Dade W. Moeller as oral testimony at Senate hearings on March 7, 2006.

Midwestern Radioactive Materials Transportation Project

Because most options for storage and disposal will require transport of spent fuel, it is imperative for states to be prepared in the event shipments begin with only a few years' notice.

Other Features

Advancing Worker Safety at Hanford's Tank Farms

Essential to managing Hanford's tank farms is protecting workers from the chemical vapors that occasionally emanate from the tanks.

Testing, Testing . . .

Careful monitoring of shoreline conditions at Hanford helps assure the public that the DOE has identified all areas where contamination is present and has a good knowledge of how that contamination is moving through environmental pathways.

Dealing with the U.K.'s Nuclear Legacy

The role of the Nuclear Decommissioning Authority and future opportunities for companies interested in participating in the U.K.'s decommissioning process.

From Superfund Site to Waterfront Development: The Glen Cove Waterfront Project

The Army Corps of Engineers helps clear way for great development.

Licensing a NORM/TENORM Disposal Site: The Deer Trail Landfill

A look at the regulatory process to obtain the license for a RCRA Subtitle C hazardous waste disposal facility for NORM and TENORM radioactive waste.

Private Offsite Dry Spent Fuel Storage

A report from the ANS Executive Conference held February 12–14, 2006.

12 Departments

Editor's Note

Comments on this issue

4

18 Word for Word

What others are saying

6

Headlines

Industry news

7

21

Index to Advertisers

55

ANS Membership Application

57

It's Business

Contracts, business news, etc.

59

Moving Up

People in the news

61

23

Calendar

Meetings of interest

63

28 On the Cover:

Aerial view of the crest of Yucca Mountain in Nevada.

An article beginning on page 12 looks at what's happening today at the mountain, and what might be coming up next for the proposed spent fuel/high-level waste repository to be located there.

42

Next Issue:

49

*Decontamination
and Decommissioning*