**Features**

**Cover Stories—Transportation**

**Why the DOE’s Messages on Transportation Don’t Resonate with the Public (and What the DOE Can Do to Fix the Problem)**

The DOE’s failure to understand and act on the public’s perception of risk will inevitably hamper the department’s ability to communicate successfully with the public regarding the transportation program to move radioactive waste to the national repository.

**Assessment of Spent Nuclear Fuel Transport Accident Risk Using RADTRAN 5.5**

Although the transportation risks calculated in the Yucca Mountain Environmental Impact Statement were small, many conservatisms were used to calculate these risks. And while it is important to use conservative assumptions in the evaluation of the environmental impacts, it is equally important that the public and decision makers understand the conservative nature of the results presented in the EIS.

**Other Features**

**Revegetating Amchitka Island**

In 2001, the DOE remediated six areas associated with Amchitka nuclear detonations. In 2008, the DOE and the USFWS took additional action to prevent significant erosion at the sites.

**The Little Facility That Could**

SRS’s Effluent Treatment Project celebrates 20 years of successful operation.

**The Evolution in Hanford Tank Waste Sampling Technologies**

New technologies are constantly being developed and older methods are being modified to most efficiently sample highly radioactive waste from massive underground storage tanks to ensure worker safety and speed waste retrieval.

**Meeting Report**

**High-Level Waste Management: At Home and Around the World**


**Departments**

**Editor's Note**

Comments on this issue

**Headlines**

Industry news

**It’s Business**

Contracts, business news, etc.

**Moving Up**

People in the news

**ANS Membership Application**

Radwaste Solutions Subscription Information

Index to Advertisers

Index to Articles, 1994–2008

Calendar

Meetings of interest

**On the Cover:**

Two articles in this issue look at aspects of the U.S. Department of Energy’s Transportation Program for the proposed spent fuel/high-level waste repository at Yucca Mountain (see pp. 8 and 19).

**Next Issue:**

Decontamination and Decommissioning