Features

Cover Stories—Waste Management in New Reactors
Bringing Industry Best Operating Practices to New Nuclear Plant Designs: An EPRI Radwaste Review
A philosophy of "maximum flexibility with a minimum of permanent equipment" guides the development of radwaste equipment designs for the next generation of nuclear power plants.

Decommissioning the Next Generation of Nuclear Plants
Architects and engineers of the next generation of commercial power reactors can find a wealth of ideas for design improvements in the lessons being learned by those currently decommissioning power reactors.

Other Features
Delivering Cleanup at Sellafield: The U.K. Nuclear Industry Faces Its Most Challenging and Hazardous Cleanup Task
Progress in the cleanup of the Magnox Swarf Storage Silos.

Management of Contaminated Land at Dounreay
Ensuring safe stewardship of land quality issues by implementation of a safety case.

Bidding Farewell to Saxton
On November 8, 2005, a ceremony was held recognizing the historic and pioneering role played by the Saxton plant in the development of the commercial nuclear power industry.

Softening Things up at Big Rock Point: Controlled Blasts Assist Demolition
In December, Consumers Energy’s Big Rock Point Restoration Project successfully completed three individual and precisely controlled blasts.

Monitored Natural Attenuation for an Aerobic TCE Plume
A group at INL rigorously tested monitored natural attenuation until they collected sufficient evidence to convince both the technical and regulatory members of the project team that intrinsic aerobic cometabolism of TCE was occurring.

A New Life for Recycling—And Other Decommissioning and Waste Management Updates
A report from the 2005 American Nuclear Society Winter Meeting.


ANS Position Statement 45—Nuclear Fuel Recycling

Departments

Editor's Note
Comments on this issue
Headlines
Industry news
Moving Up
People in the news
Index to Advertisers
ANS Membership Application
It’s Business
Contracts, business news, etc.
Calendar
Meetings of interest

On the Cover:
Artist's conception of the AP1000 nuclear power plant being offered by Westinghouse. Articles beginning on page 18 and 26 discuss ways of incorporating the latest experiences in radwaste management in new plant designs.

Next Issue:
Yucca Mountain