

Index to Articles (1994-2017)

Biology and Medicine

The Decay-in-Storage Room at the Einstein College of Medicine. By George Hamawy and Carl Passler. Mar. 1995: 14-17.

Interim Storage Is Not Long-Term Disposal. By John R. Vincenti. Oct. 1994: 71-79.

Low-Dose Radiation Risk: A Biological Reality Check. By R. E. J. Mitchel. Mar./Apr. 2002: 30-35.

Radioisotopes, Medicine, and Low-Level Waste Disposal. By Rosalyn S. Yalow. Jan. 1994: 48-49.

A University Forum on LLW (Harvard, Texas A&M, Case Western Reserve). Sept. 1995: 32-46.

Waste Management by a One-Man Band: Managing a University and Medical LLRW Program. By P. Andrew Karam. Mar./Apr. 2000: 38-42.

Blue Ribbon Commission on America's Nuclear Future

The Blue Ribbon Commission Has Its Say. Sept./Oct. 2011: 4.

Draft Report from the Blue Ribbon Commission on America's Nuclear Future—Executive Summary. Sept./Oct. 2011: 46-55.

Life After Death? Yucca Mountain and the Blue Ribbon Commission. By Nancy J. Zacha. May/June 2011: 59-62.

The Long Wait Is Over. Mar./Apr. 2010: 4.

What We've heard: A Staff Summary of Major Themes in Testimony and Comments Received to Date by the Blue Ribbon Commission on America's Nuclear Future. May/June 2011: 51-58.

Book Reviews

Nuclear Waste Stalemate: Political and Scientific Controversies. By Robert Vandenbosch and Susan E. Vandenbosch. Reviewed by Ruth Weiner. March/ April 2008: 71-72.

Public Reactions to Nuclear Waste: Citizens' Views of Repository Siting, Eds. Riley E. Dunlap, Michael E. Kraft, and Eugene A. Rosa. Reviewed by Domenic Forcella. Apr. 1994: 77-78, 86.

Uncertainty Underground: Yucca Mountain and the Nation's High-Level Waste, by Allison M. Macfarlane and Rodney C. Ewing. Reviewed by Steve Turner. Mar./Apr. 2007: 44-45.

Waste Is a Terrible Thing to Mind: Risk, Radiation, and Distrust of Government, by John Weingart. Reviewed by Nancy J. Zacha. May/June 2001: 4.

Whose Backyard, Whose Risk: Fear and Fairness in Toxic and Nuclear Waste Siting, by Michael B. Gerrard. Reviewed by Domenic J. Forcella. July 1995: 39-42.

Brokering

The Brokering of Radioactive Waste and the Politics of Disposal. By Peter Pastorelle. Jan. 1994: 13-19.

Buildings and Other Shelters

And the Walls Came Tumbling Down . . . Rocky Flats Building 779 Closure Project. By Mark Zachary, Kelly Trice, and Tom Dieter. Sept./Oct. 2000: 56-64.

Closing the Most Dangerous Building in America. By Greg Meyer and Doug Hamrick. Sept./Oct. 1999: 43-48.

D&D . . . and Now Demolition. By Janenne Irene Harrington. Sept./Oct. 2001: 24-25.

Gimme Shelter! An "Out-of-the-Box" Structure Helps a Hanford Cleanup Project. By Tod Burrington. Sept./Oct. 2007: 47-50.

Utilizing Tensioned-Fabric Structures for Waste Processing and Storage Facilities. By Tom Ruprecht. July 1994: 33-38.

Chemistry

The Importance of Radiological Data Validation. By Kendra K. Grega and LeRoy F. Wenrick. Mar. 1995: 28-32.

Communications

Analogs and Dialogs: Integrating Natural Analog Studies into a National Confidence-Building Program. By I. McKinley and T. Tsuboya. Nov./Dec. 2001: 24-27.

Bored Board? Membership and Motivation in Site-Specific Advisory Boards. By Richard G. Telfer. Jan./Feb. 2000: 30-34.

Changing Public Participation at Fernald: Not an Easy (or Popular) Task. By Jeff Wagner. Mar./Apr. 2007: 54-58.

Community Relations—The NASA Way. By Burt Peretsky. July/Aug. 2002: 34-39.

The Dynamics of Public Opposition: Lessons from LLW Management. By Ellen Meadd. Nov./Dec. 2003: 30-35.

The Faces of Decommissioning and Site Cleanup: How "People" Issues Affect Work Progress. By Lara Harrison. Jan./Feb. 2001: 7-12.

Giving the Public Its Say: Learning Lessons from the DOE's Public Participation Program. By James L. Creighton. July/Aug. 1999: 38-44.

Good Things Can Happen When the Public Gets Involved: Gaining Public Acceptance of Nuclear Waste Management Activities. By Richard G. Telfer. July/ Aug. 2000: 45-50.

Lending an Ear and a Voice: NASA's Plum Brook Station Community Workgroup. By Michael Morgan. July/Aug. 2007: 47-52. Stakeholders Can Help: Improving D&D Policy Decisions at Rocky Flats. By Jack Hoopes. July/Aug. 1999: 45-48.

Taking Pride in Our Work—And Getting the Word Out. By Rhonda Carpenter and Nancy J. Zacha. Jan./ Feb. 2000: 55-59.

Tell Them What They Want To Know: Designing a Community Outreach Program. By Darrell M. Lankford. Jan./Feb. 1999: 50-53.

Compacts

Crossroads or Dead End: LLW Disposal in the United States. By E. Michael Blake. May/June 1999: 9-16.

The Design and Licensing Status of the Central Interstate Compact Facility: An Above-Grade LLRW Disposal Facility. By John E. Gunning, Michael A. Sabbe, Richard F. Schulman, and John H. DeOld. July 1997: 27-32.

Interim Storage Is Not Long-Term Disposal. By John R. Vincenti. Oct. 1994: 71-79.

Update on LLW Compacts and State Agencies. Sept. 1995: 24-31.

Computer Technology

Evolving Requirements for Waste Management Software. By David W. James. Nov./Dec. 2003: 20-23.

Let's Model It: Using Computer Simulation to Improve Waste Processing Safety. By Jerry Fireman. Nov./Dec. 2000: 31-33.

Nuclear Waste Takes a TRIP: Electronic Signature Technology to Revolutionize Document Tracking. By Ben Groeneveld. Sept. 1998: 20-21.

Radioactive and Hazardous Materials Transportation Risk Assessment Using a Geographic Information System. By John E. Moore, Gary M. Sandquist, and David M. Slaughter. Jan. 1994: 75-76, 78.

Conference Reports

10 CFR Part 61.55: Is it State of the Art? By Tim Gregoire. Apr./June 2014: 32-33.

40 Years of Meeting the Global Challenges of Waste Management. By Tim Gregoire. Apr./June 2014: 42-46.

Advanced Fuel Cycles, Cleanup Progress, and Other Issues: A Report from the 2006 ANS Summer Meeting. By Nancy J. Zacha. Sept./Oct. 2006: 62-64.

After Yucca Mountain: What's Next? By Nancy J. Zacha. Jan.-Apr. 2011: 96-98.

All Dressed Up with No Place To Go: The Disposition of Spent Nuclear Fuel. By Nancy J. Zacha. Jan./ Feb. 1999: 41-42.

Analyzing the Blue Ribbon Commission Report. By Nancy J. Zacha. May/June 2012: 55-58.

ARRA, the BRC, and Radium Girls in the Spotlight at ANS Meeting. By Nancy J. Zacha. Jan.-Apr. 2012: 102-106.

Back to the Future: 9th International High-Level Radioactive Waste Management Conference. By Nancy J. Zacha. July/Aug. 2001: 48-52.

Budgets and Schedules. Spring 2016: 65-68.

Catching Up on Decommissioning Projects—And Other Issues. By Nancy J. Zacha. Mar./Apr. 2005: 64-67.

The Changing Paradigm for LLW Management. By Nancy J. Zacha. Jan.-Apr. 2011: 91-95.

Clearing the Way for the Next Generation. By Nancy J. Zacha. Jan.-Apr. 2011: 82-90.

Closing Out a Tucson Tradition. By Nancy J. Zacha. May/June 2007: 37-41.

Consent-Based Siting . . . and Other BRC Issues. By Nancy J. Zacha. May/June 2013: 44-46.

Covering All the Bases at the Low-Level Summit. By Nancy J. Zacha. Nov./Dec. 2007: 13-20.

Current and Future Trends in D&D. By Tim Gregoire. July/Sept. 2014: 44-48.

Current Topics in DD&R. By Nancy J. Zacha. Sept./ Oct. 2005: 46-47.

D&D, Advanced Fuel Cycles Discussed in Reno. By Nancy J. Zacha. Mar./Apr. 2009: 74-78.

D&D Around the World. By Nancy J. Zacha. Nov./ Dec. 2005: 14-17.

The D&D Challenge: Reducing Risks While Producing Results. By Nancy J. Zacha. Jan./Feb. 2005: 44-48.

D&D Dollars: D&D Expenditures Versus Cost Estimates. By Nancy J. Zacha. Sept./Oct. 2002: 50-52.

D&D, Fuel Cycle Issues Addressed at ANS Meeting. By Nancy J. Zacha. Sept./Oct. 2007: 57-60.

D&D in the Next Generation: A Report from the ANS 2001 Winter Meeting in Reno. By Nancy J. Zacha. Mar./Apr. 2002: 54-56.

D&D, Spent Fuel Transport Discussed at ANS Sessions. By Nancy J. Zacha. Sept./Oct. 2008: 52-54.

DD&R: The Transition to Closure: A Report from the 2005 ANS Topical Meeting on Decommissioning, Decontamination and Reutilization. By Nancy J. Zacha. Jan./Feb. 2006: 39-43.

D&ER: Strategies and Lessons Learned. By Patrick J. O'Sullivan, Horst Monken-Fernandes, Vladan Ljubenov, Emilio Garcia Neri, Geoff Williams, Olena Mykolaichuk, Ivo Tripputi, and Helen Belencan. Fall 2016: 20-23.

Debate Continues over Part 61 Regulations. By Exchange Monitor Publications staff. Jan./Mar. 2014: 60-64.

Decommissioning at Savannah River—With a Focus on F Canyon Deactivation. By Nancy J. Zacha. Mar./ Apr. 2005: 62-63.

Decommissioning Hot Topics. By Nancy J. Zacha. Sept./Oct. 2001: 47-48.

Decommissioning Successes: Progress Continues at the Nation's Commercial and Government Decommissioning Sites. By Nancy J. Zacha. Sept./Oct. 2002: 53-54.

Deep Borehole Disposal of Nuclear Waste. By Patrick V. Brady and Michael J. Driscoll. Sept./Oct. 2010: 58-60.

Discussions on WIPP and Other Issues: A Report from the 2014 RadWaste Summit. By Tim Gregoire. Spring 2015: 70-71.

Dispositioning High-Level Waste in a Post-Yucca Mountain World. By Nancy J. Zacha. Sept./Oct. 2010: 61-63. DOE Cleanup Programs Pushing toward Closure— And Other Radwaste Updates. By Nancy J. Zacha. May/June 2005: 51-54.

The DOE, State Regulators, and Small Business and Budgets. By Exchange Monitor Publications staff. Jan./Mar. 2014: 66-69.

Dry Cask Storage, Stimulus Dollars, Multiple Agency Regulation . . . and TMI Redux. By Nancy J. Zacha. Mar./Apr. 2010: 76-82.

DU, Part 61, and a Host of Other Issues. By Nancy J. Zacha. Nov./Dec. 2009: 16-22.

East Meets West. By Michael D. Cavanaugh. July/Aug. 2001: 50.

"Easter Bunny Numbers" and Other Solid Materials Release Issues. By Nancy J. Zacha. Sept./Oct. 2004: 53-56.

Education and Opportunity for the Next Generation: A Report from Waste Management 2006. By Nancy J. Zacha. July/Aug. 2006: 44-49.

Engaging and Exchanging in Connecticut: 2001 ANS Executive Conference on Nuclear Facility Decommissioning and Used Fuel Management. By Nancy J. Zacha. Nov./Dec. 2001: 40-45.

Entering a New Era for Radioactive Waste Management. By Nancy J. Zacha. Jan.-Apr. 2012: 91-100.

Exploring the World of DD&R: Big Issues, Hot Topics, Cost Considerations, and More. By Nancy J. Zacha. July/Aug. 2000: 51-54.

Eyes on the Numbers: A Report on Spectrum '98. By Nancy J. Zacha. Nov./Dec. 1998: 47-52.

Farewell Yucca, Hello Stimulus Money, and Other Waste Management Issues. By Nancy J. Zacha. July/ Aug. 2009: 51-56.

Focusing on LLW Issues at Waste Management '07. By Nancy J. Zacha. May/June 2007: 17-19.

Focusing on Science and Technology at the Spectrum Conference. By Nancy J. Zacha. Nov./Dec. 2002: 53-57.

Fuel Cycle Options and D&D Solutions: A Report from the 2014 ANS Winter Meeting. By Tim Gregoire. Spring 2015: 72-74.

Global Achievements and Challenges in nuclear Waste Management. By Nancy J. Zacha. May/June 2011: 63-69.

Global Progress Toward Safe Disposal: A Report from the 2006 ANS HLW Conference. By Nancy J. Zacha. July/Aug. 2006: 50-55.

Going to the Mountain. By Hugh Curley. July/Aug. 2001: 52.

Good Stewardship of the Past to Build the Future. By Nancy J. Zacha. Sept./Oct. 2012: 53-57.

The Good, the Bad, and the Money; Or, What's Right and Wrong with Privatization. By Nancy J. Zacha. Jan./Feb. 1999: 38-40.

Groundwater Contamination . . . and Other Issues. By Nancy J. Zacha. Mar./Apr. 2008: 66-70.

High-Level Waste Management: At Home and Around the World. By Nancy J. Zacha. Jan./Feb. 2009: 37-44.

HLW Disposal Programs Around the World: What They're Doing and What They've Learned. By Nancy J. Zacha. July/Aug. 2011: 68-76.

Hot Topics and Regulatory Issues. By Nancy J. Zacha. Sept./Oct. 2004: 50-52.

Improving the Future by Dealing with the Past. By Nancy J. Zacha. May/June 2010: 46-49.

Improving the Future in Waste Management. By Nancy J. Zacha. May/June 2012: 66-71.

The Inspector Calls: Inspection Planning, Feedback, and Results on Decommissioning. By Nancy J. Zacha. Jan./Feb. 2001: 44-45.

Integrating Storage, Transportation, and Disposal. By Nancy J. Zacha. July/Aug. 2013: 60-66.

International Collaboration and Continuous Improvement. By Nancy J. Zacha. May/June 2013: 48-53.

The Last 5 Percent Seems to Take Forever . . . And Other DD&R Lessons Learned. By Nancy J. Zacha. Jan./Feb. 2008: 38-43.

Life After Death? Yucca Mountain and the Blue Ribbon Commission. By Nancy J. Zacha. May/June 2011: 59-62.

"Live by Satellite" and Other Events at Waste Management '04. By Nancy J. Zacha. May/June 2004: 48-52.

Low-Level Radioactive Waste: Depleted Uranium, Waste Imports, and Other Issues. By Nancy J. Zacha. May/June 2010: 28-31.

Low-Level Waste at Waste Management 2013. By Nancy J. Zacha. May/June 2013: 23-25.

Low-Level Waste Disposal: Is There a Solution Out There? By Nancy J. Zacha. May/June 2005: 29-31.

Low-Level Waste Issues in the Spotlight at WM11. By Nancy J. Zacha. May/June 2011: 15-18.

Low-Level Waste Storage Options, Concerns. By Nancy J. Zacha. May/June 2008: 22-24.

Managing Radwaste Around the World. By Nancy J. Zacha. Jan.-Apr. 2013: 64-69.

Marssim's Impact on Decommissioning. By Nancy J. Zacha. Jan./Feb. 1999: 43.

A New Entity to Manage Nuclear Fuel. By Nancy J. Zacha, Jan.-Apr. 2013: 70-75.

A New Life for Recycling—And Other Decommissioning and Waste Management Updates: A Report from the 2005 ANS Winter Meeting. By Nancy J. Zacha. Mar./Apr. 2006: 58-65.

Oak Ridge Day at Waste Management 2012. By Nancy J. Zacha. May/June 2012: 23-28.

Oh, Give Me A Home . . .: Spent-Fuel Dry Cask Storage Update. By Nancy J. Zacha. Jan./Feb. 2001: 48-50.

Optimism for 1997: The Cal Rad Forum's Fall Conference. By Nicki Hobson. Jan. 1995: 43-46.

Please Release Me...: Materials and Site Free-Release Issues. By Nancy J. Zacha. Jan./Feb. 2001: 46-47.

Private Offsite Spent Fuel Storage: A Report from the ANS Executive Conference. By Nancy J. Zacha. May/ June 2006: 49-54.

A Range of Colorful Challenges: A Meeting Report from Spectrum 2000. By Nancy J. Zacha. Nov./Dec. 2000: 46-51.

Record Attendance for Waste Management's First Show in Phoenix. By Nancy J. Zacha. May/June 2008: 47-51.

Rocky Starts, Lessons Learned, Midnight Runs, and Other Scenarios: DD&R Update. By Nancy J. Zacha. Nov./Dec. 1999: 57-60.

Russia to the Rescue? International Spent-Fuel Storage Options Discussed at ANS Annual Meeting. By Nancy J. Zacha. July/Aug. 2002: 54-56.

Same Issues, New Solutions at This Year's Radwaste Summit: A Report from the Second Annual Radwaste Summit. By Nancy J. Zacha. Nov./Dec. 2008: 16.

Solving the Spent Fuel Dilemma. By Nancy J. Zacha. Sept./Oct. 2012: 50-52.

Spent Fuel, Nuclear Waste on the Regulatory Radar Screen. By Nancy J. Zacha. May/June 2007: 42-47.



Spent-Fuel Storage: Rhetoric, But No Resolution. By Nancy J. Zacha. Sept./Oct. 2001: 54-56.

Tackling Decommissioning/Spent-Fuel Issue in Traverse City. By Nancy J. Zacha. Sept./Oct. 1999: 54-59.

Take My Spent Fuel . . . Please! By Nancy J. Zacha. July/Aug. 1999: 58-59.

Taking Pride in Our Work—And Getting the Word Out. By Rhonda Carpenter and Nancy J. Zacha. Jan./ Feb. 2000: 55-59.

Team Completes Dismantlement and Layup of Two Brookhaven Reactors. By Fran Poda. Sept./Oct. 2010: 44-50.

To Blend or Not to Blend: Blending U.S. Commercial Low-Level Waste to Allow Disposal. By Nancy J. Zacha. May/June 2010: 24-27.

To DOC or Not To DOC: Managing Power Plant Decommissioning. By Nancy J. Zacha. July/Aug. 1999: 60-61.

Topics in Low-Level Waste. By Tim Gregoire. July/ Sept. 2014: 40-42.

Toto, We're Not in Kansas Anymore. By Nancy J. Zacha. July/Aug. 2000: 4.

Very Long Term Dry Fuel Storage . . . and Other Issues. By Nancy J. Zacha. Sept./Oct. 2011: 59-64.

Ward Valley: Heading for the Finish Line and Picking Up Speed. By Nicki Hobson. Jan. 1996: 55-58.

Waste in Its Proper Place. By Nancy J. Zacha. Mar./ Apr. 2007: 73-75.

Waste Management, Environmental Monitoring, and Advanced Reactors: 2015 ANS Annual Meeting. By Tim Gregoire and Michael McQueen. Fall 2015: 32-35.

Waste Management Goes Silver: A Report on the 25th Anniversary Waste Management Conference in Tucson. By Nancy J. Zacha. May/June 1999: 58-64.

Waste Management 2001. By Nancy J. Zacha. May/ June 2001: 54-58.

Waste Management 2002: Step-by-Step, Top-to-Bottom, Rebecca, and Other Topics. By Nancy J. Zacha. May/June 2002: 52-57.

What If We Lose Barnwell? By Nancy J. Zacha. July/ Aug. 1999: 62-63.

Whatever Happened to TMI-2, and Other Nuclear Waste Issues. By Nancy J. Zacha. Mar./Apr. 2007: 68-72.

Where the Elite Meet. Sept./Oct. 2001: 4.

Where the Utilities Go. Nov./Dec. 2000: 4.

The World, WIPP, and Other Waste Issues: A Meeting Report from Waste Management 2000. By Nancy J. Zacha. May/June 2000: 64-70.

Y-12's Mercury Problem. By Nancy J. Zacha. Jan.-Apr. 2013: 62-63.

Yesterday, Today, and Tomorrow in Focus at Meeting Sessions. By Nancy J. Zacha. Sept./Oct. 2009: 51-57.

Yucca Mountain: Healthy or on Its Deathbed? A Meeting Report from the 2008 Regulatory Information Conference. By James F. Mallay. May/June 2008: 44-46.

Yucca Mountain Updates—And Other Spent Fuel Issues. By Nancy J. Zacha. May/June 2005: 49-50.

Decommissioning/ Decontamination

309 Building Demolition at Hanford. May/June 2011: 48-50.

The ABCs of Decommissioning Safety. By Bill Grubilowicz and Janenne Irene Harrington. Jan./Feb. 2002: 8-11. Accelerating high-Hazard Reduction at Sellafield. By Ali McKibbin and Lucy Watson. July/August 2010: 16-25.

And Now for Something Completely Different: An Innovative Path Toward Zion Decommissioning. By Nancy J. Zacha. May/June 2012: 29-33.

And the Walls Came Tumbling Down . . . Rocky Flats Building 779 Closure Project. By Mark Zachary, Kelly Trice, and Tom Dieter. Sept./Oct. 2000: 56-64.

Andros and Rosie and Other Friends to D&D Workers: Decommissioning Technologies that Improve Worker Safety. By Steven Bossart and Danielle Blair. Jan./Feb. 2002: 16-10.

Bats, Owls, and Cocoons: Hanford's F Reactor Interim Storage Project Complete. Mar./Apr. 2004: 48-50.

Beneficial Reuse of Decommissioned Former Nuclear Facilities. By Lawrence E. Boing. July 1998: 44-49.

The Benefits of International Cooperation on Decommissioning: U.S. and U.K. contributions to the Decommissioning of Kazakhstan's BN-350 Reactor. By D. Wells, J. Michelbacher, and T. Hayward. Nov.-Dec. 2011: 15-19.

Bidding Farewell to Saxton. Mar./Apr. 2006: 43-45.

Biodecontamination of Concrete Surfaces: Occupational and Environmental Benefits. By LaMar J. Johnson, Robert D. Rogers, Melinda A. Hamilton, Lee O. Nelson, Jenny Benson, and Martin Green. Jan. 1998: 28-35.

The Big Cleanout at Big Rock Point. By Tim Petrosky. Jan./Feb. 2000: 14-21.

The Big Rock Vessel Goes to Barnwell. By Tim Petrosky, Jan./Feb. 2004: 15-19.

Bit by Bit... Taking It Apart: The Incremental Dismantlement of the Rancho Seco Secondary System. By Dennis E. Gardiner and John M. Newey. July/Aug. 1999: 9-14.

Building Dismantlement and Site Remediation at the Apollo Fuel Plant: When Is Technology the Answer? By Lewis Walton. Jan. 1995: 20-25.

Bye-Bye Big Rock: Greenfield Celebration Highlights Plant's Successful Decommissioning. By Dan Gretzner. Nov.Dec. 2006: 12-16.

The Case of the Transuranic-Loving Squirrels: The Decontamination of the XF-90A. By James Seals. Nov./Dec. 2004: 41-45.

Catching Up on Decommissioning Projects—And Other Issues. By Nancy J. Zacha. Mar./Apr. 2005: 64-67.

Catching Up with Clearance Criteria. By Nancy J. Zacha. Sept./Oct. 2001: 57-58.

Changing the Fernald Skyline: The Demolition of the Site's Production-Era Water Tower. Nov./Dec. 2003: 36-41.

Chapelcross Cooling Towers—Ten Seconds to Demolition. Sept./Oct. 20007: 28-29.

Cleaning Up and Closing Down the Fernald Site. By Michele Gerber. July/Aug. 2006: 16-29.

The Closing of Kewaunee: Dominion's Plans for Decommissioning. Interview by Tim Gregoire. July/ Sept. 2014. 36-38.

Closing the Book: The Decommissioning of the Barnwell Nuclear Fuel Plant. By Jim McNeil. May/ June 2000: 55-63.

Connecticut Yankee Decommissioning: Removing Restoring, and Reusing. By Michael D. Cavanaugh. Mar./Apr. 2001: 59-61.

The "Cocooning" of C Reactor: A Hanford Success Story. By John Crigler. Sept./Oct. 1999: 29-31.

Closing the Most Dangerous Building in America. By Greg Meyer and Doug Hamrick. Sept./Oct. 1999: 43-48. Current and Future Trends in D&D. By Tim Gregoire. July/Sept. 2014: 44-48.

Current Topics in DD&R. By Nancy J. Zacha. Sept./ Oct. 2005: 46-47.

Cutting Edge Characterization Technologies for D&D. By Steven J. Bossart and Kenneth M. Kasper. Jan./Feb. 1999: 23-30.

D&D . . . and Now Demolition. By Janenne Irene Harrington. Sept./Oct. 2001: 24-25.

D&D Around the World. By Nancy J. Zacha. Nov./ Dec. 2005: 14-17.

D&D at the Nevada Test Site: Facility History, Regulatory Framework, and Lessons Learned. By Jerel G. Nelson and Michael R. Kruzic. May/June 2005: 33-40.

The D&D Challenge: Reducing Risks While Producing Results. By Nancy J. Zacha. Jan./Feb. 2005: 44-48.

D&D Dollars: D&D Expenditures Versus Cost Estimates. By Nancy J. Zacha. Sept./Oct. 2002: 50-52.

D&D, Fuel Cycle Issues Addressed at ANS Meeting. By Nancy J. Zacha. Sept./Oct. 2007: 57-60.

The D&D Focus Area: Bringing New Technologies to the D&D Toolbox. By William Lupichuk. Mar./Apr. 2001: 43-47.

D&D in the Next Generation: A Report from the ANS 2001 Winter Meeting in Reno. By Nancy J. Zacha. Mar./Apr. 2002: 54-56.

D&D of the Plutonium Finishing Plant. By Tim Gregoire. Oct./Dec. 2014: 16-19.

D&D, Spent Fuel Transport Discussed at ANS Sessions. By Nancy J. Zacha. Sept./Oct. 2008: 52-54.

DD&R: The Transition to Closure: A Report from the 2005 ANS Topical Meeting on Decommissioning, Decontamination and Reutilization. By Nancy J. Zacha. Jan./Feb. 2006: 39-43.

D&ER: Strategies and Lessons Learned. By Patrick J. O'Sullivan, Horst Monken-Fernandes, Vladan Ljubenov, Emilio Garcia Neri, Geoff Williams, Olena Mykolaichuk, Ivo Tripputi, and Helen Belencan. Fall 2016: 20-23.

Deactivation and Decommissioning Knowledge Management: A Partnership Among the DOE, Contractors, and Academia. By Himanshu Upadhyay and Leonel Lagos. Sept./Oct. 2012: 46-49.

Decisions, Decisions, Decisions... Better D&D Decision-Making through Life Cycle Analysis. By Katherine L. Yuracko, Bruce E. Tonn, Michael I. Morris, and James Bogard. July/Aug. 1999: 31-37.

Decommissioning Fort St. Vrain. By Vincent F. Likar and G. Thomas Howard. Sept. 1995: 54-60.

Decommissioning Hot Topics. By Nancy J. Zacha. Sept./Oct. 2001: 47-48.

Decommissioning of a Hot Laboratory and Cyclotron Complex to Green Field. By David Loughborough, Clive Hamblin, and John Asquith. Jan. 1995: 47-54.

The decommissioning of Zion: A status update. By Patrick Daly. Nov.-Dec. 2013: 18-27.

Decommissioning One, Operating Two: At San Onofre, Breaking Up Is Hard To Do. By Ray Golden. July/Aug. 2000: 20-23.

Decommissioning Planning at Whiteshell Laboratories. By Randall Ridgway. Nov./Dec. 2002: 31-28.

Decommissioning Successes: Progress Continues at the Nation's Commercial and Government Decommissioning Sites. By Nancy J. Zacha. Sept./Oct. 2002: 53-54.

Decommissioning the Building A59 Hot Cells at Winfrith. By Keith Miller, G. Tizzard, Steve Parkin-

son, Rowland Cornell, and Andrew Staples. Sept./ Oct. 2004: 41-49.

Decommissioning the Next Generation of Nuclear Plants. By John Newey. Mar./Apr. 2006: 26-28.

Decommissioning "The Rock:" A Photo Tour of the Big Rock Point Restoration Project. Sept./Oct. 1999: 60-62.

Decommissioning the Quehanna Hot Cell Facility. By Kenneth M. Kasper and Lee G. Penney. May/June 2001: 44-48.

Decommissioning the University of Illinois TRI-GA Research Reactor. By Thomas Gilmore, Corey DeWitt, Dustin Miller, and Kevin Taylor. July/Aug. 2013: 24-27.

Decommissioning the World's Largest Open-Air Nuclear Fuel Storage Pond. July/Aug. 2011: 32-36.

Decommissioning: Thinking Through to the End—A Perspective on the End State of Decommissioning. By Russell A. Mellor. Sept./Oct. 2001: 26-28.

Decommissioning Trojan: A Step-by-Step Tour of a Landmark Process. By Stephen Quennoz. May/June 1999: 17-21.

A Decommissioning Wrapup: Commercial Reactor Decommissioning Status in 2006. By Edward C. Doubleday. Mar./Apr. 2007: 46-52.

Decommissioning Yankee Rowe. By Kenneth J. Heider and Russell A. Mellor. July 1994: 26, 27-32.

Decommissioning's "Father" Known Best: A Profile of Decommissioning Pioneer Bill Manion. By Janenne Irene Harrington. Jan./Feb. 2001: 41-43.

Decontaminating 30 Million Square Feet. By Anne Smith. Nov./Dec. 2004: 28-33.

The Decontamination and Decommissioning Debate. By Anthony J. Thompson and Michael L. Goo. Apr. 1994: 32-41.

Decontamination and Decommissioning of Building 889 at Rocky Flats Environmental Technology Site. By Kent A. Dorr, Mark E. Hickman, Brian J. Henderson, and Richard J. Sexton. Sept. 1997: 37-40.

Decontamination and Melting of Low-Level Waste. By D. W. Clements. Mar. 1997: 36-41.

Decontamination of Radioactive Concrete: A Permanent Solution That's RCRA Friendly. By Michael Simmons. Jan. 1994: 25-29.

Defueling the ORNL Molten Salt Reactor Experiment Facility. By Michael R. Jugan, Andrew P. Kelsey, Mahmoud H. Haghighi, and E. Paul Larson. Nov./Dec. 1999: 35-39.

Delivering Cleanup at Sellafield. By Byron Smith. Mar./Apr. 2006: 30-35.

Designing Decommissioning into New Reactor Designs. By Jas S. Devgun. Sept./oct. 2007: 40-46.

Determining Endpoints for the Decontamination and Decommissioning of Facilities. By Linda Albrecht, Dennis Morgan, Louise Buker, and Don Davis. May 1998: 30-34.

DfD at Big Rock Point. By Jane Dunshee and Lisa Wheat. May/June 1999: 28-30.

Diamonds Are a Cutter's Best Friend: Diamond Wire Cutting the Tokamak Fusion Test Reactor. By Keith Rule, Erik Perry, and Robert Parsells. May/June 2002: 40-45.

Dismantling the Recirculation Pump Room at Big Rock Point. By Janenne Irene Harrington. Mar./Apr. 2001: 56-58.

DOE, Fluor-B&W Portsmouth Clear Way for D&D in Piketon. By Julie Doering. Jan.-Apr. 2012: 58-63.

DOE Pursuing Accelerated Cleanup at Fernald. By Terry Borgman. Jan. 1996: 42-44.

Doin' the D&D: Dancing to the Regulatory Tune. By John D. Haseltine and Stephen J. Milioti. Jan./Feb. 1999: 44-49.

Economic Development at DOE Cleanup Sites: Whose Job Is It, Anyway? By Katherine N. Probst and Amy S. Fitzgerald. July/Aug. 2000: 55-61.

The End of an Era: Decommissioning Four German Fuel Cycle Facilities. By Helmut Rupar, Roland Baumann, Peter Faber, Manfred Ruhbaum, and Helmut Schmitt. May/June 2000: 28-40.

Engineering and Technology in the Deconstruction of Nuclear Materials Production Facilities. By Richard S. Kingsley, W. Evans Reynolds, and David C. Heffner, Jan. 1996: 25-31.

EPRI Comes to Dounreay: The Cooperative Assistance Program for Waste Management. By Michael Dunnett and Paul McClennand. Mar./Apr. 2004: 62-71.

EPRI Decommissioning Technology Program. By Christopher J. Wood, Carol Hornibrook, and Robert C. Thomas. July/Aug. 1999: 24-30.

EPRI's Decommissioning Technology Program. By Christopher J. Wood and Sean Bushart. July/Aug. 2006: 30-35.

The EPRI DFD Process: Decontaminating Retired Components and Reactor Coolant Systems Following Plant Shutdown. By David Bradbury, George R. Elder, and Christopher J. Wood. Sept./Oct. 2001: 16-23.

Exploring the World of DD&R: Big Issues, Hot Topics, Cost Considerations, and More. By Nancy J. Zacha. July/Aug. 2000: 51-54.

The Faces of Decommissioning and Site Cleanup: How "People" Issues Affect Work Progress. By Lara Harrison. Jan./Feb. 2001: 7-12.

A Farewell at Fernald. By Nancy J. Zacha. May/June 2007: 26-30.

Fermi-1 Update: Impact of a Decommissioning Evaluation and the Decommissioning Rule. By Lynne S. Goodman. Nov. 1997: 45-48.

The Final Chapter: Planning the Decommissioning of the Barnwell Nuclear Fuel Plant. By Jim McNeil. May/June 1999: 51-57.

Finding (and Counting) the Needles in a Haystack: Estimating the Radioactivity in the XC1 Hot Cell at West Valley. By Jeffrey A. Choroser, Cynthia Dayton, and Herman R. Moore. Sept./Oct. 2004: 31-35.

First Nuclear Fuel Movement in 50 Years Is a Decommissioning Milestone at Sellafield. Jan.-Apr. 2012: 54-56.

Fostering Community Participation in Decommissioning. By Maureen Brown. Sept. 1998: 31-35.

From the Bottom Up: Tank Removal at Trojan. By Brian D. Clark and Roger M. Lewis. Mar./Apr. 2000: 22-31.

Fueling Up for the Long Haul: Training for Decommissioning. By Larry Boing. Jan./Feb. 2001: 25-27.

Getting "Fired" Up: Size-Reduction with an Oxy Gasoline Torch. By K. A. Szlis, K. R. Schneider, S. W. Chase, J. A. Choroser, and H. R. Moore. Sept./Oct. 2001: 10-15.

Getting the Lead Out: Recycling and Decontamination at the INEL. By Erik A. Simpson. July 1994: 49-51.

Getting Pumped: Lessons Learned from the Decontamination and Removal of High-Level Waste Pumps at the West Valley Demonstration Project. By William F. Hamel Jr., Kimberly J. Mansfield, and Paul J. Valenti. Jan./Feb. 1999: 5-14.

A Glitch Caught in Time Saves . . .: Lessons Learned during Reactor D&D at Argonne National Laboratory. By Charles R. Fellhauer. Jan./Feb. 2000: 22-29. Goodbye, Golden Goose: The Effects of Connecticut Yankee Decommissioning on the Surrounding Community. By Terry Concannon. Jan./Feb. 1999: 54-57.

Hanford Scores Another Successful Open-Air Demolition: 232-Z Plutonium Incinerator Facility Demolished in July. By Michele Gerber. Jan./Feb. 2007: 31-39.

Handling the Unexpected: Connecticut Yankee's Concrete Block Recovery Effort. By Richard Sexton. Jan./Feb. 1999: 58-59.

Hands Off! New West Valley Facility Cuts Rad Components Down to Size. By Jim Hurst, Kathy Szlis, and Tom Vero. July/Aug. 2004: 29-33.

Hanford's C Reactor Large-Scale Demonstration Project. By James D. Goodenough and Jeremiah J. McGuire. Mar. 1997: 31-35.

Have Pipe Cleaning System, Will Travel: Innovative, Cooperative Effort at Big Rock Point. By Janenne Irene Harrington. Nov./Dec. 2000: 21-25.

How to "Do" Windows: Refurbishment of Shield Windows at the West Valley Demonstration Project. By K. R. Schneider, M. J. Fizzano, J. L. Drake, and C. Kalkwarf. Jan./Feb. 2001: 37-40.

Improved D&D through Innovative Technology Deployment. By Steven J. Bossart and Kenneth M. Kasper. Jan. 1998: 36-40.

Improving Efficiency with 3-D Imaging: Technology Essential in Removing Plutonium Processing Equipment from Plutonium Finishing Plant Gloveboxes. By Stephen Crow, Richard Kyle, and Michael Minette. Sept./Oct. 2008: 26-31.

Innovative Technologies for Asbestos Removal and Treatment. By Steven J. Bossart and Kenneth M. Kasper. Jan. 1998: 10-18.

In-Process Characterization is a SNAP at Rocky Flats. By William R. Salazar. July/Aug. 2004: 15-23.

Interview with Andrew C. Kadak. By David A. Schabes. Jan. 1996: 17-24.

Introduction to the theme issue on DD&R: Back to the Future, New Technologies, and Innovative Engineering Practices. By Neil Norman and Dennis Bitz. Jan. 1996: 4.

It Takes a Team: The Omega West Reactor D&D. By Stephen F. Mee, Keith R. Rendell, Martin J. Peifer, John A. Gallagos, and Joe B. Stringer. Mar./Apr. 2004: 52-60.

It's Complicated: The Complexities of Decommissioning a Uranium Mill Site. By Matthew Meyer. Sept./Oct. 2011: 43-45.

Just Tooling Around . . . Conventional Equipment Makes Light Work of Decontamination Challenges. By Scott Chase, John Drake, Kathy Szlis, and Peter Vlad. Mar./Apr. 2004: 38-46.

K-25 Challenges Met. By Fran Smith. July/Aug. 2013: 16-23.

Keeping an Eye on the Bottom Line. By Michael S. Terrell. Sept./Oct. 2000: 30-32.

La Crosse BWR Reactor Vessel Shipped to Barnwell. Sept./Oct. 2007: 30-32.

Large Component Disposal: Do It Now or Do It Later? By Paul J. Larsen and Jay K. Vance. Jan./Feb. 2006: 20-25.

The Last 5 Percent Seems to Take Forever . . . And Other DD&R Lessons Learned. By Nancy J. Zacha. Jan./Feb. 2008: 38-43.

Leading the Way in Community Transfer: The Economic Development and Commercialization of Mound. By Dottie Atkins. Nov./Dec. 2000: 42-45.

Lessons Learned from Large Decommissioning Projects—The Spanish Experience. By Juan Luis Santiago and Alejandro Rodriquez. May/June 2013: 26-29.

Making MERLIN Disappear Without a Trace (Almost). By B. Stahn, R. Printz, K. Matela, and C. Zehbe. July/August 2010: 26-40.

Making Safety Work: Safety-Enhancing Technologies and Practices at INEEL Decommissioning Projects. By Richard Meservey. Jan./Feb. 2002: 20-24.

Making the Impossible Possible: Closing Rocky Flats—Ahead of Schedule and under Budget. By Ed Bodey. Sept./Oct. 2005: 39-45.

Marssim's Impact on Decommissioning. By Nancy J. Zacha. Jan./Feb. 1999: 43.

Michigan Historical Marker for Big Rock Point Site. By Tim Petrosky. Nov./Dec. 2007: 10-12.

Milestone Reached at Sellafield Primary Separation Plant Decommissioning Project. Mar./Apr. 2010: 36-38.

(Mission) Shifting Gears: How to Survive Change. By Justin Schulz. Mar. 1995: 33-40.

Moving to Another Stage of Life: Shipping, Decontaminating, and Final Disposition of the Maine Yankee Large Components. Sept./Oct. 2000: 50-55.

Navigating a Year of Decisions in Piketon. By Julie Doering. May/June 2012: 13-16.

A New Approach for the Deployment of Innovative D&D Technologies. By Lawrence W. Vogel, Stuart L. Claggett, and John R. Duda. May 1998: 24-29.

New Life for an Old Lab: Commercializing a DOE Laboratory. By Barry A. Stephenson. Mar./Apr. 2009: 30-37.

A New Start for BNFL: Magnox Reactor Decommissioning Strategy. By Paul B. Woollam. July/Aug. 2001: 28-34.

New Technologies in the SRS "Toolbox." By David Yannitell. July/Aug. 2000: 28-34.

The Next Stage for EPRI'S DFD Process: Decontamination and Recycling of Radioactive Material from Retired Components. By Chris Wood, Sean Bushart, David Bradbury, and George Elder. Nov./Dec. 2004: 17-21.

Nondestructive Assay for Waste and D&D Applications. By Bruce Gillespie. Mar./Apr. 2009: 38-42.

Now Appearing at an Airport Near You: Adapting Aviation Ground Support Equipment for Removing Nuclear Waste at Rocky Flats. By Bill Badger. Jan./ Feb. 2004: 42-45.

Now There Are None: The Last Uranium Production Building at Fernald Has Been Toppled, the Culmination of a 10-Year Demolition Project. By Jeffrey Wagner. July/Aug. 2004: 24-28.

NRC's D&D Regulations. By Anthony J. Thompson. Mar. 1998: 47-54.

Pathfinder: The Long Road Toward Decommissioning. By C. E. Burtoff, J. W. Closs, J. M. Gushue, J. J. Holthaus, K. Lucken, and J. C. Seitz. March/April 2008: 18-27.

Plan Ahead, Establish Support Lines, and Be Prepared for Surprises: Lessons Learned from the BNFP Decommissioning Project. By Jim McNeil. Jan./Feb. 2001: 30-36.

Planning Ahead: Preparing for the Early Retirement and Decommissioning of Oyster Creek. By James E. Hildebrand. Nov./Dec. 1998: 31-36.

Planning for Decommissioning: What, How, When, and Why? By W. W. Bixby and W. J. Manion. Sept./ Oct. 1999: 66-68.

Potential Radioactive Scrap Metal Quantities from Nuclear Power Plants Worldwide. By Leslie A. Nieves and Roger W. Tilbrook. Jan. 1996: 45-53.

Radioactive Waste Is Getting Slimed! Microbial Janitors Tackle Nuclear Cleanup Problems. By Deborah Hill. Nov./Dec. 1999: 54-56. Radioactive Waste Not Wasted with New Green Chemistry Technology. By Thomas Smith and Judy Thomas. Sept./Oct. 2008: 32-35.

The Rancho Seco Eleven: A Story of Spent Fuel Racks from Removal to Burial. By Robert A. Snyder. Jan./ Feb. 2004: 26-32.

Recycling and Waste Management Related to Decommissioning: German Experiences and Concepts. By Heinz Peter Berg, Peter Wilhelm Brennecke, and Rudolpf Görtz. Mar. 1998: 41-46.

Redistributing Fernald's Government Assets. By Deborah Dunn. Sept./Oct. 2007: 34-39.

Reducing the Risk... Closing Radioactive Waste Tanks at the Savannah River Site. By Colleen Welch. Fall 2015: 25-30.

Remediating the Past and Preparing for the Future at Sandia National Laboratories. By Thomas L. Sanders. Jan. 1996: 32-41.

Resuming Decommissioning Activities at Fermi-1: Problems Encountered and Lessons Learned. By Danny Swindle, Jon Couillard, and Lynne Goodman. July/Aug. 1999: 15-19.

The Rocky Flats Challenge: Driving Worker Exposures As Low As Reasonably Achievable during Decommissioning. By Jennifer Thompson. July/Aug. 2001: 42-47.

Saving D&D \$\$\$: New D&D Technologies at the INEEL. By Julia Tripp, Richard H. Meservey, and Ann-Marie Phillips. Nov./Dec. 2000: 36-41.

Science, Technology, and Workforce Innovations: Keys to a Successful D&D of Hanford's Plutonium Finishing Plant. By Stacy Charboneau, Andrea Hopkins, Bruce Klos, Robert Heineman, and Brian Skeels. Mar./Apr. 2007: 60-66.

Segmenting and Disposing of the Rancho Seco Reactor Vessel Inernals. By Karl Johnson. Sept./Oct. 2006: 37-50.

Segmenting the Rancho Seco Reactor Head—A Cost-Effective Option. By Michael Snyder. Nov./Dec. 2004: 22-27.

Segmenting and Removing the CVTR Moderator Tank. By Michael G. Anderson. Sept./Oct. 2008: 18-25.

Sheer Grit: ARRA Transforms Y-12. By Gail Powell. July/Aug. 2011: 22-31.

Small Business Tackles BIG Challenge: Hanford Contracts with Small Businesses on D&D Projects. By Ken Powers and Mark Lesinski. Sept./Oct. 2004: 36-40.

Softening Things Up at Big Rock Point: Controlled Blasts Assist Demolition. Mar./Apr. 2006: 46-49.

SRS Demolished Massive K Cooling Tower. July/August 2010: 41-43.

Status of Chernobyl Decommissioning Efforts. By Tom W. Wood, P. Ken Jackson, and Mark R. Morton. Jan. 1998: 19-27.

Striking the Right CORD: Decontamination for Decommissioning at Connecticut Yankee. By Scott Watson, Richard N. McGrath, Horst-Otto Bertholdt, Edmund Friedrich, William J. Szymczak, and Ed Ruzauskas. Mar./Apr. 1999: 46-51.

Studies, Transport, and Treatment Concept for Boilers from the Berkley Nuclear Power Plant. By Bo Wirendal, David Saul, Joe Robinson, and Gavin Davidson. Jan./Mar. 2014: 74-83.

Tackling Tough Challenges at SRS: Deactivation and Materials Disposition at F Area. By Fran Poda. Sept./ Oct. 2005: 23-29.

Taking Down the Maine Yankee Containment Building. By Eric Howes. Jan./Feb. 2005: 40-43.

Talk the Talk and Walk the Walk: Focusing on Safety during Fusion Reactor Decommissioning. By Keith

Rule, Erik Perry, and Jerry Levine. Jan./Feb. 2002: 12-15.

Tapping into Lessons Learned at West Valley: High-Risk Decon Experience Leads to Repeat Success. By Helene Houston, Ken Schneider, Kathy Szlis, and John Drake. Nov./Dec. 2004: 34-40.

Technical Aspects of the Segmentation and Packaging Process for the José Cabrera Nuclear Power Plant Reactor Vessel. By José Miguel Valdivieso Ramos, Rafael Garcia Castro, Per Segerud, Nieves Martin, and Manuel Ondaro. Fall 2015: 21-24.

Ten Spectacular Seconds: Successful Cooling Tower Implosion at Trojan Reflects Careful Planning. July/ Aug. 2006: 36-38.

T(h)anks for the Technology. By Mike Berriochoa. July/Aug. 2005: 18-21.

Thinking "Inside" the Box at West Valley: Decontaminating a Cell Tower. By Jeff Choroser, Helene Houston, Ken Schneider, Kathy Szlis, and Ahman Al-Daouk. May/June 2004: 28-33.

Thinking Outside the (Glove) Box: The Evolution of Decommissioning at Rocky Flats. By Jeanna Blatt. July/Aug. 2002: 26-29.

To DOC or Not To DOC: Managing Power Plant Decommissioning. By Nancy J. Zacha. July/Aug. 1999: 60-61.

To Decommission or Not To Decommission? A Guide for Utilities. By Leo Lessard. Sept./Oct. 1999: 32-36.

To Toss or Not to Toss—That Is the Question. By J. Mark Price. Jan./Feb. 2006: 12-19.

Tunneling Out at 20.85 Meters: Cleanup Progress at Sellafield's Pile Fuel Cladding Silo. By David Skilbeck. July/Aug. 2005: 10-16.

Unique Team Gets the Job Done—And Then Some: 247F Decommissioning and Demolition at the Savannah River Site. By Fran Poda. Jan./Feb. 2006: 31-35.

Up for Decades, Down in Seconds: Completing the Demolition of a Sphere Enclosure Building. Mar./ Apr. 2009: 28-29.

The UP1 D&D Program at Marcoule: Decontamination and Dismantling of Process Facilities. By Jean-Louis Garcia, Philippe Fontana, Didier Vernhet, and Didier Boya. Sept./Oct. 2007: 16-27.

A Video Look in the Pool: Spent-Fuel Characterization for Dresden-1 Decommissioning. By Coleman McDonough, Linwood Ray, John J. Villanueva, and Ed Ruzauskas. July/Aug. 1999: 20-23.

Vision 2010: Cleanup, Renewal of the Port Hope Uranium Conversion Facility. By Aldo D'Agostino. Mar./ Apr. 2009: 20-26.

Where Are You Going—And How Are You Going to Get There? Creating a Virtual Organization for Nuclear Power Plant D&D. By Carroll Eichhorn. Jan./ Feb. 2000: 52-54.

Work at the DOE's Largest Closure Site Is 75 Percent Complete. By Todd Nelson. May/June 2011: 37-47.

Working Toward a New Beginning: Using Innovative Methods at ETTP to Clean Up the Manhattan Project Legacy. By Wayne McKinney. May/June 2012: 17-22.

The Workings of a Waste Processor: A *Radwaste Magazine* Interview with GTS Duratek's Bob Prince. Nov./Dec. 1999: 40-42.

Zion: A Progress Report. Fall 2016: 24-27.

Deep-Sea Burial

The International Arctic Seas Assessment Project. By Gordon S. Linsley and Kirsti-Liisa Sjoeblom. July 1994: 64-68.

Detection

Experts Test Agencies' Skills at Radiological Detection and Control. July/Aug. 2012: 46-50.

Improvements to Alpha Continuous Air Monitoring Systems at the WIPP. By H. Bates Estabrooks, Sheila G. Clayton, and Richard F. Farrell. Oct. 1994: 80-85.

Journey to the Center of the . . . Vadose Zone. By Mary Beckman. July/Aug. 1999: 55-57.

Dewatering

Decide, Design, and Dewater de Waste: A Blueprint from FitzPatrick. By Dennis E. Robert. Apr. 1994: 21-22.

Editor's Note

And We're Off. Jan./Mar. 2014: 4.

At Long Last, the Yucca Mountain License Application. July/August 2008: 4.

The Blue Ribbon Commission Has Its Say. Sept./Oct. 2011: 4.

A Buyers Guide, and sharing experience. Nov.-Dec. 2013: 4.

Buyers Guide—Take Two. Nov./Dec. 2006: 4.

Changing Times. July/Aug. 2005: 5.

Coming Attractions. Nov./Dec. 2007: 4.

The Courts Giveth . . . and the Courts Taketh Away. May/June 1999: 4.

Credit Where Credit Is Due. Nov./Dec. 2002: 4.

The Curse of the Hungry Proofreader. Jan./Feb. 2010: 4.

Decommissioning, Decontamination, and Reutilization. Sept./Oct. 2007: 4.

Depth of Experience. Spring 2016: 4.

The Election's Over, What Happens Next? Jan./Feb. 2005: 3.

Environmental Anniversaries. May/June 2009: 4.

Fear of Shipping. Mar./Apr. 2003: 4.

Fernald: From Weapons to Wetlands. July/Aug. 2006: 4.

Good Leadership, Bad Politics, and All That. Sept./ Oct. 2000: 4.

Heavy Subject, Light Touch. May/June 2001: 4.

Heard in the Halls. Jan./Feb. 1999: 4.

Hurrah for ARRA. July/August 2010: 4.

I Remember LLW Disposal. May/June 2007: 4.

Inching Up the Mountain. Oct./Dec. 2014: 4.

Isn't It Ironic? May/June 2008: 4.

Issues and Outtakes. July/Aug. 1999: 4.

It's About Time. May/June 2000: 4.

It's All About Science—Or Is It? Mar./Apr. 2009: 4

It's the Politics, Stupid! May/June 2003: 4.

Knocking About in Knoxville. Nov./Dec. 1999: 4.

Last Thoughts. July/Aug. 2013: 4.

⊗ANS

The Long Wait Is Over. Mar./Apr. 2010: 4.

Looking Down the Road. Jan.-Apr. 2011: 4.

Looking on the Lighter Side. Nov./Dec. 2008: 4.

LLW Crisis? What LLW Crisis? May/June 2008: 4.

Making the World Safe for Gambling . . . and Other

Issues. May/June 2002: 4.

My Goat—And How To Get It. July/Aug. 2003: 4.

The Journey of a Thousand Miles. Mar./Apr. 2004: 4.

New Hope for Disused Sealed Source Disposal. May/ June 2013: 4.

The New Kid on the Block. Mar./Apr. 2001: 4.

New Nuclear Plants and Old Radioactive Waste. Mar./Apr. 2005: 4.

News, Big and Bigger. Spring 2015: 4.

No Respect. May/June 2005: 4.

NOT Thinking About Yucca Mountain. July/Aug. 2002: 4.

A Note of Appreciation. May/June 2006: 4.

Nuclear Winter and Nuclear Summer. July/Aug. 2007: 4.

Odds and Ends. Nov./Dec. 2001: 4.

On Nuclear Waste, the DOE, and *1984* (the Novel, not the Year). July-August 2011: 4.

The "Passion" Excuse. Jan.-Apr. 2012: 4.

Politics: Global and Backyard. Sept./Oct. 2010: 4.

The Politics of Hope. July/Aug. 2012: 4.

Random Thoughts and Musings. March/Apr. 1999: 4.

The Right Time, the Right Place. Sept./Oct. 1999: 4.

Ringing in the New Year. Jan./Feb. 2004: 3.

A River Runs Through It. Sept./Oct. 2006: 4.

Safety First. Jan./Feb. 2002: 4.

A Salute to 2006! Jan./Feb. 2006: 4.

Scare Tactics. Mar./Apr. 2002: 4.

Science vs. Society. May/June 2004: 4.

Sic Transit Gloria . . . and All That. Jan.-Apr. 2013: 4.

So Much Promise . . . So Little Progress. Mar./Apr. 2000: 4.

Solutions, Solutions, We've Got Solutions. Jan./Feb. 2000: 4.

Speaking Out. Jan./Feb. 2003: 4.

Still Hopeful, After All These Years. July/Aug. 2001: 4.

Stop All Waste Work Now! Nov./Dec. 1998: 4.

A Tale of Two Denvers. Sept./Oct. 2005: 4.

A Tale of Two States. Nov.-Dec. 2012: 4.

Thinking the Unthinkable. Mar./Apr. 2006A: 4

Too Many Choices? Mar./Apr. 2007: 4.

Toto, We're Not in Kansas Anymore. July/Aug. 2000: 4.

Tragedy All Around Us. May/June 2011: 4.

Transformations. Nov.-Dec. 2013: 4.

The Value of Demolition. July/Aug. 2004: 3.

Visualizing Nuclear Waste. Sept./Oct. 2012: 4>

Waiting for the Blue Ribbon Panel. Sept./Oct. 2009: 4

Walking the Plank. Sept./Oct. 2004: 4.

We Happy Few Jan./Feb. 2001: 4.

Welcome to Our Buyers Guide. Nov./Dec. 2005: 4. We've Got This. Fall 2016: 4.

What If? July/Aug. 2009: 4.

What lies Ahead. Nov./Dec. 2010: 4.

What LLW Generators Really Want. May/June 2010: 4.

What's New. Jan./Feb. 2007: 4.

What Voters Really Need To Know. Jan./Feb. 2008: 4. Where Do I Begin? Apr./June 2014: 4.

Where the Elite Meet. Sept./Oct. 2001: 4. Where the Utilities Go. Nov./Dec. 2000: 4.

Whither GNEP, Yucca Mountain, and Other Nuclear Programs. Jan./Feb. 2009: 4.

Why High-Level Waste Could Be Good for Nevada. Sept./Oct. 2002: 4.

The Work Ahead of Us. Fall 2015: 4.

A World Without WIPP. July/Sept. 2014: 4.

Yes, We Are Making Progress. Nov./Dec. 2011: 4.

Your Tax Dollars at Work. Nov./Dec. 2009: 4.

Environmental Remediation

sik. Jan./Apr. 2012: 82-90.

Cadotte. Sept./Oct. 2000: 9-18.

Nov. 1997: 35-39.

1999.38-41

Oct. 2012: 18-23.

Sept./Oct. 2012: 24-32.

28-29.

2016: 20-23.

2012: 34-39.

17-23.

July/Aug. 2007: 11-16.

25 - 30.

The Yucca Mountain Court Cases. May/June 2012: 4.

Yucca Mountain, Politicians, and the Non-Persistence of Memory. Sept./Oct. 2008: 4.

Accelerating SRS Tank Closure with Help from Part-

ners, Technology. By Rick Kelley. Sept./Oct. 2009:

Advanced Remedial Methods for Metals and Radionuclides in Vadose Zone Environments. By Dawn M.

Wellman, Shas V. Mattigod, Susan Hubbard, Lirong

Zhong, Martin Foote, Yuxin Wu, and Danielle Jan-

Battling Groundwater Contamination at Hanford.

Building on a Tradition of Environmental Concern:

The Evolution of Environmental Remediation at the

Savannah River Site. By W. Dean Hoffman and Bruce

The Burial Ground Complex at the Savannah River

Site: Large-Scale Remediation. By J. Michael Griffith.

Celebrating SRS's First Area Closure. By Fran Poda.

Cleaning Up Trench 1 at Rocky Flats. Sept./Oct.

Closing Waste Tanks at the Savannah River Site: It's

Never As Easy As It Looks. By Madeline Blair. Sept./

Construction Progress at Hanford's Waste Treat-

Cocooning Hanford's N Reactor-And Other Riv-

er corridor Closure Activities. By Mark McKenna.

Cost-Effective Radiological Risk Reduction: A Re-

mediation Case Study. By Lawrence Moos, Kou-John

Creating a Desert Oasis: Hanford Gravel Pit Converted to Wetland. By Todd Nelson. Jan./Feb. 2001:

D&ER: Strategies and Lessons Learned. By Patrick

J. O'Sullivan, Horst Monken-Fernandes, Vladan Ljubenov, Emilio Garcia Neri, Geoff Williams, Olena

Mykolaichuk, Ivo Tripputi, and Helen Belencan. Fall

Dedicated to Cleanup: Environmental Remediation at Hanford. By Todd A. Nelson. July/Aug. 2001:

DOE Reclamation Work at the Moab Site. Sept./Oct.

Doin' What Comes Naturally: Natural Remediation at Savannah River Site. By Catherine M. Lewis and

Ecological Restoration with Native Grasses and

Forbs: The Fernald Preserve and Weldon Spring Res-

toration Projects. By Jane Powell, Frank Johnston, Spring 2018 **Radwaste Solutions** • 89

Robert Van Pelt. Sept./Oct. 2002: 22-28.

Hong, and Andrew D. Gabel. Mar. 1998: 62-67.

ment Plant. Sept./Oct. 2009: 32-35.

By Michele Gerber. Sept./Oct. 2006: 17-28.

Bioremediation at Pinellas. Spring 2016: 64.

Sept./Oct. 2011: 21-25.

John Homer, and Yvonne Deyo. July/August 2008: 12-18.

The End of Drum Mountain. Nov./Dec. 2000: 34-35. Enhanced "Interrogation" Techniques: Soil Contamination Imaging at Hanford. By Mike Berriochoa.

Environmental Recovery at Los Alamos. Spring 2015: 66-68.

Environmental Remediation at the Maxey Flats Disposal Site. By Martin Brownstein and Greg Rice. Jan./Feb. 2005: 34-39.

Environmental Remediation of Hanford's River Corridor. By Todd Nelson. Sept./Oct. 2009: 12-16.

Environmental Restoration: Fernald Ecologists and Engineers Integrate Restoration and Cleanup. By Eric Woods and John Homer. Sept./Oct. 2002: 12-19.

Ethics, the Environment, and Radioactive Waste. By Claudio Pescatore. Jan./Feb. 2000: 49-51.

Flux-Based Evaluation of Perched Water in the Deep Vadose Zone at the Hanford Site. By Michael Truex and Mart Oostrom. Spring 2015: 60-64.

From Superfund Site to Waterfront Development: The Glen Cove Waterfront Project. By JoAnne Castagna. May/June 2006: 39-41.

From Test Site to Wildlife Refuge: Tatum Salt Dome Test Site Transferred to State. Sept./Oct. 2011: 26-29.

Getting Remediation Done at ORNL. By Malinda Conger, Amy Harkey, Ken Schneider, and Dirk Van Hoesen. Sept./Oct. 2011: 15-20.

Getting to Clean Groundwater. July/Sept. 2014: 18-23.

Groundwater Protection at Nuclear Plants. By Karen Kim. Brozia Clark, and Steven Swilley. July/Aug. 2011: 37-43.

Groundwater Re-injection at Fernald: Its Role in Accelerating the Aquifer Remedy. By Kenneth A. Broberg and Robert Janke. Sept./Oct. 2000: 19-23.

Groundwater Restoration at the La Rosita in-Situ Uranium Recovery Project. By Michelle Rehmann, Mark Pelizza, Katie Sweeney, and Rod Grebb. Sept./ Oct. 2011: 35-42.

Hanford Groundwater Contamination Areas Shrink as EM Exceeds Cleanup Goals. Sept./Oct. 2013: 20-21.

Hanford's Tank C-106 Project: The First of Many. By Ed Aromi. Sept./Oct. 2004: 24-30.

How Should We Clean Up the Water? Groundwater Remediation Plans at the Paducah Gaseous Diffusion Plant. By Gary Bodenstein and Mark Gage. Sept./Oct. 2000: 24-29.

Improved Cost-Effectiveness of Remedial Action Plans at Historic Waste Sites in Canada Through the Use of Waste Segregation Approaches. By Robert W. Pollock and Christopher H. Clement. Nov. 1997: 26-34.

In Situ Redox Manipulation: Fierce Energy of Groundwater VOCs and Heavy Metals. By Mary H. Ace. July/Aug. 2001: 24-27.

Innovative Approaches to Environmental Restoration at FUSRAP Opportunity Sites. By James D. Kopotic, Donald E. Dunning, Debbie S. Browning, George M. Stephens, Melissa A. Kucera, and Michael E. Redmon. Nov. 1997: 16-24.

Innovative Mercury Treatment Benefits Stream, Fish. Jan.-Apr. 2013: 58-60

It's Complicated: The Complexities of Decommissioning a Uranium Mill Site. By Matthew Meyer. Sept./Oct. 2011: 43-45.

Legacy Management at the Rocky Flats Site. By Bob Darr, John Boylan, Rick DiSalvo, George Squibb, Jody Nelson, and Scott Surovchak. Sept./Oct. 2010: 12-19.

Low Tech Meeting High Tech: Remediating Two Basins Containing Radioactive Sludge at ORNL. By Angie Brill, Elizabeth Krispin, Lynn Whitehead, and John Julius. July/Aug. 2001: 11-16.

Management of Contaminated Land at Dounreay. By Mike Pearl. Frank Dennis, and Mark Liddiard. Mar./ Apr. 2006: 36-42.

Monitored Natural Attenuation for an Aerobic TCE Plume. By Ryan A Wymore, Lance N. Peterson, Lee O. Nelson, and Kent S. Sorenson Jr. Mar./Apr. 2006: 50-57.

Multiple Waste Retrievals at Hanford's C Tank Farm. Sept./Oct. 2012: 40-45.

Offsite Contamination in Plum Brook—From Discovery and Characterization to Demonstration of Regulatory Compliance, by Keith M. Peecook. Sept./ Oct. 2010: 20-27.

The Old Rifle Snowmaking Experience. July/Sept. 2014: 24-25.

On the Lookout for Subsurface Solutions: The DOE's Subsurface Contaminants Focus Area. By Virginia Kay. Nov./Dec. 2000: 26-30.

Permeable Reactive Barriers: Advancing Natural In-Situ Remediation for Treatment of Radionuclides in Groundwater. By Scott D. Warner. Sept./Oct. 2011: 30-34.

A "Poplar" Solution to Groundwater Contamination: Phytoremediation at the Portsmouth Gaseous Diffusion Plant. By Amy C. Lewis, Del R. Baird, and Scott Burton. Sept./Oct. 2004: 15-19.

The "Poplar Solution: How's It Working? A *Radwaste Solutions* Followup. By Amy C. Lewis and Del R. Baird. Sept./Oct. 2005: 34-37.

Putting Plants to Work: The ANL-West Phytoremediation First-Year Field Season Demonstration. By Scott Lee. May/June 2000: 49-54.

Putting the Stimulus to Work. By Fran Poda. Sept./ Oct. 2009: 18-24.

Radionuclide Contamination from the 1940s in a New York City Park. By Carl Young. July/Sept. 2014: 14-17.

Rehabilitation of the Former British Nuclear Weapons Test Site at Maralinga in South Australia, Australia. By Robert (Rob) Rawson, Caroline Perkins, and Lorimer (Lori) Fellingham. Nov. 1997: 10-15.

Reducing the Risk of Hanford's Legacy: Completing Cleanup at the Last Big Liquid Waste Site near the Columbia River. Sept./Oct. 2006: 29-31.

Remediation of Uranium-Impacted Sediments in a Watercourse. By E. Shephard, N. Walter, H. Downer, P. Collopy, and J. Conant. Sept./Oct. 2012: 12-17.

Removing Hanford's Environmental Contaminants. Spring 2016: 60-63.

Right in Your Own Back Yard: Onsite Disposal of Radioactive Materials. By Barry Koh. Sept./Oct. 1999: 22-28.

Self-Assessments Help Nuclear Plants Enhance Groundwater Protection. Sept./Oct. 2013: 17-19.

A Snapshot of Paducah Remediation and Cleanup. By Dennis Ferrigno, Joe Tarantino, and Reinhard Knerr. Sept./Oct. 2010: 36-43.

Stream Reconstruction: Designing for Natural Stream Stability. By Robert Spurling and Jason Darby. Sept./Oct. 1999: 15-21.

The Strontium Garden: Cleanup of One of Hanford F Area's Last Research Stations. By Todd Nelson. Sept./ Oct. 2002: 20.

Targeting Chromium in Hanford's 100-D Area. By Scott W. Petersen, John G. Morse, K. Michael Thompson, and M. J. Tonkin. Jan.-Apr. 2011: 74-81. Technical and Policy Challenges in Deep Vadose Zone Remediation of Metals and Radionuclides. By Dawn M. Wellman, Michael J. Truex, Mark Freshley, P. Evan Dresel, and Kirk J. Cantrell. Jan.-Apr. 2013: 76-84.

Testing, Testing . . .: Simple Technology Improves Groundwater Monitoring along the Columbia River. By Judy Graybeal. May/June 2006: 28-33.

Tests, Tests, and More Tests at Rig Rock Point: Soil and Water Testing Helps Ensure Public Safety. By Tim Petrosky. Sept./Oct. 2004: 20-23.

Visitors Flock to the Remediated Fernald Preserve. By Gary Stegner and Stacey Elza. Sept./Oct. 2010: 28-35.

Watching the Grass Grow: Closing SRS's Highest Risk Waste Unit. By Fran Poda. July/Aug. 2007: 17-21.

Wetland Mitigation at the Fernald Preserve. By Jane Powell and John Homer. Sept./Oct. 2013: 14-16.

Wetlands Restoration at Fernald: Reconstructing Natural History with Ecological Restoration Principles. By Craig Straub. Sept./Oct. 1999: 9-13.

Why and When To Use Turnkey Remediation. By Richard H. Wilkinson. Sept./Oct. 1999: 49-53.

Y-12's Mercury Problem. By Nancy J. Zacha. Jan.-Apr. 2013: 62-63.

FUSRAP

The Ashland 2 Cleanup. By Bruce K. Howard, David J. Conboy, Michelle R. Rehmann, and Harold R. Roberts. Mar./Apr. 1999: 39-44.

Stimulus Dollars Help Communities Recover. By Jo-Anne Castagna. Jan.-Apr. 2011: 60-62.

High-Level Waste Management

55-Inch Hole Safely Cut into the Dome of Hanford's Tank C-107. Jan.-Apr. 2011: 48-53.

Are Deep Geologic Repositories Really Necessary? By Christopher M. Timm and Cassandra Mueller. July/Aug. 2012: 61-66.

Artifact to Analogue: Archeology of Arid Environments points to Management Options for Yucca Mountain. By Neil Chapman, Amy Dansie, and Charles McCombie. Mar./Apr. 2007: 22-31.

Assessing Other Disposal Options. Spring 2015: 54-58.

Back to the Future: A Rationalized Rock Salt Repository. By Leif G. Eriksson and George E. Dials. Jan./ Apr. 2011: 24-34.

Back to the Future: 9th International High-Level Radioactive Waste Management Conference. By Nancy J. Zacha. July/Aug. 2001: 48-52.

Breaking Good: Study Examines Durability of Glass with Ties to Nuclear Waste Storage. By Eric Pierce, Wendy Shaw, Charity Plata, and Kristin Manke. Jan./ Apr. 2011: 42-46.

Breaking the High-Level Waste/Spent Fuel Logjam. A Perspective by Dade W. Moeller. May/June 2006: 18-20.

Can-in-Canister Demonstration at DWPF. By Nicholas H. Kuehn III, Jeffery R. Brault, David T. Herman, M. John Plodinec, Mary K. Andrews, Jeffery T. Coughlin, Poh-Sang Lam, and W. Gene Ramsey. May 1997: 20-22, 24, 26.

Closing High-Level-Waste Tanks at the Savannah River Site. By Thomas B. Caldwell, Paul D. d'Entremont, Christine A. Langton, Jeffry L. Newman, Eloy Saldivar, Jr., and Narasimhan Rajendran. Mar. 1998: 19-26.

Consent-Based Siting . . . and Other BRC Issues. By Nancy J. Zacha. May/June 2013: 44-46.

Consent-Based Siting: What Have We Learned? By Daniel Metlay. July/Aug. 2013: 28-36.

The Costs of Prolonging the Status Quo. By Kris Sanda. May 1997: 10-12.

Deep Borehole Disposal of Nuclear Waste. By Patrick V. Brady and Michael J. Driscoll. Sept./Oct. 2010: 58-60.

Deep Disposal of Irradiated Nuclear Fuel: An Alternate Viewpoint. By Bj<\#154>rn Cronhjort. Mar./ Apr. 2002: 19-22.

Design Options for the U.K.'s HLW Geological Disposal Facility. By Neil Chapman. Tamara Baldwin, Fiona Neall, John Mathieson, and Matthew White. Mar./Apr. 2009: 44-54.

Dispositioning High-Level Waste in a Post-Yucca Mountain World. By Nancy J. Zacha. Sept./Oct. 2010: 61-63.

The Engineered Barrier System for a Deep Geologic Repository in Canada. By Sean B. Russell and Gary R. Simmons. Jan.Feb. 2004: 7-14.

An Environmental Policy Imperative: Addressing Security Concerns at the Back End of the Nuclear Fuel Cycle. By Charles McCombie, Neil Chapman, and Tom Isaacs. July/Aug. 2009: 27-32.

Estimating Worker Collective Doses from a Revised Approach to Managing Commercial Used Nuclear Fuel. By Bethany Burkhardt, Steven Krahn, Allen Croff, and Andrew Sowder. Spring 2015: 40-48.

Everything Old Is New Again. By Michael V. Berriochoa. Jan.-Apr. 2011: 36-40.

Field Test to Evaluate Deep Borehole Disposal. Sandia National Laboratories. Spring 2016: 30-39.

First Double-Shell Tank Leak Discovered at Hanford. By Rob Roxburgh and John Britton. Jan.-Apr. 2013: 40-42.

From Pool to Pad at Zion. Spring 2015: 50-53.

Further Development of Modified Monosodium Titanate, an Improved Sorbent for Pretreatment of High-Level Nuclear Waste at the Savannah River Site. By Kathryn M. L. Taylor-Pashow, Fernando F. Fondeur, Samuel D. Fink, and David T. Hobbs. Jan.-Apr. 2012: 64-81.

Getting Pumped: Lessons Learned from the Decontamination and Removal of High-Level Waste Pumps at the West Valley Demonstration Project. By William F. Hamel Jr., Kimberly J. Mansfield, and Paul J. Valenti. Jan./Feb. 1999: 5-14.

Global Progress Toward Safe Disposal: A Report from the 2006 ANS HLW Conference. By Nancy J. Zacha. July/Aug. 2006: 50-55.

High-Level Waste Management: At Home and Around the World. By Nancy J. Zacha. Jan./Feb. 2009: 37-44.

Historical Fuel Reprocessing and HLW Management in Idaho. By Dieter A. Knecht, M. Dan Staiger, Jerry D. Christian, C. Lee Bendixsen, G. W. (Bill) Hogg, and Julius R. Berreth. May 1997: 35-47.

HLW Disposal Programs Around the World: What They're Doing and What They've Learned. By Nancy J. Zacha. July/Aug. 2011: 68-76.

Integrating Storage, Transportation, and Disposal. By Nancy J. Zacha. July/Aug. 2013: 60-66.

International and Regional Repositories: The Key Questions. By Charles McCombie and Ralph Stoll. Mar./Apr. 2002: 12-18.

International Retrievability Scale for Waste in Geological Disposal. By Jean-No<\#145>l Dumont and Claudio Pescatore. July/Aug. 2012: 30-35.

Introducing Cig<\#142>0, the French Geological Repository Project. By T. Labalette, A. Harman, M. C. Dupuis, and G. Ouzounian. July/Aug. 2013: 46-51.

It's Time for Radioactive Waste Disposal in Salt. By Ray Funderburk. May/June 2013: 54-56.

Modern Alchemy: Solidifying High-Level Nuclear Waste. By Christopher C. Newton. July 1997: 42-49.

A Nuclear Renaissance Without Disposal? By Charles McCombie and Neil Chapman. July/Aug. 2009: 19-26.

Policy Issues Associated with Deep-Borehole HLW Disposal. By M. J. Driscoll and K. G. Jensen. July/ Aug, 2012: 42-45.

Preliminary Performance Assessment for Deep Borehold HLW Disposa. By Peter N. Swift, Bill W. Arnold, Patrick V. Brady, Geoff Freeze, Teklu Hadgu, Joon H. Lee, and Yifeng Wang. July/Aug. 2011: 60-65.

A Question of Dry vs. Wet: The Case for Dry Rock Disposal of Nuclear Waste. By Bj<\#154>rn Cronhjort and Nils-Axel M<\#154>rner. May/June 2004: 44-47.

Radiofrequency Technology Tracks Mixer Efficiency. By Brenda Pittsley. Jan./Feb. 2006: 36-38.

Repositories with Retrievable Spent Nuclear Fuel: Four Options, Four Geologies. By C. W. Forsberg and L. R. Dole. July/Aug. 2012: 36-41.

Reversibility and Retrievability in Radioactive Waste Disposal: Part I. Nov./Dec. 2002: 39-44.

Seismic Anchorage of Dry Storage Casks. By Joel E. Parks, Chris P. Pantelides, Luis Ibarra, and David Sanders. Spring 2016: 41-47.

Strategy for the Management and Disposal of Used Nuclear Fuel and high-Level Radioactive Waste (January 2013). May/June 2013: 34-43.

A Team of Seven—The Tanks Focus Area: Providing Technical Solutions for Cleaning Up the DOE's Radioactive Tank Wastes. By Wayne Cosby. Sept./Oct. 2000: 43-49.

Thinking Back to Front: A Comprehensive Approach to Dealing with the Everlasting nuclear Waste "Problem." By Mario Carelli, Fausto Franceschini, Ed Lahoda, and Bojan Petrovic. May/June 2011: 30-36.

Vitrification at the West Valley Demonstration Project. By William F. Hamel, Jr., Michael J. Sheridan, and Paul J. Valenti. Mar. 1998: 27-40.

What We've heard: A Staff Summary of Major Themes in Testimony and Comments Received to Date by the Blue Ribbon Commission on America's Nuclear Future. May/June 2011: 51-58.

What Now for Permanent Disposal of Used Nuclear Fuel and HLW in the United States? By Andrew Sowder, John Kessler, Mick Apted, and Matt Kozak. Jan.-Apr. 2013: 26-39.

Wrapping Up the Leftovers: Management of Expended Materials Relating to the West Valley Demonstration Project High-Level Waste Virtification Facility. By L. E. Krieger, R. DiBiase, W. F. Hamel, and P. J. Valenti. Mar./Apr. 2000: 12-20.

Yucca Mountain: Dumped and Wasted? By Nancy J. Zacha. July/Aug. 2009: 12-18.

Human Factors

Human Factors in Waste Management. By Neville Moray. Oct. 1994: 58-63.

The Faces of Decommissioning and Site Cleanup: How "People" Issues Affect Work Progress. By Lara Harrison. Jan./Feb. 2001: 7-12.

(Mission) Shifting Gears: How to Survive Change. By Justin Schulz. Mar. 1995: 33-40.

Monitoring Human Activities near a Waste Repository: Valuable for Performance Confirmation. By Richard I. Beauheim. July/Aug. 2007: 39-46.

Hydrology

3-D Imaging Gives Hanford Scientists a Better View of Waste Plumes. By Michael V. Berriochoa. Mar./ Apr. 2010: 14-22.

Creating a Desert Oasis: Hanford Gravel Pit Converted to Wetland. By Todd Nelson. Jan./Feb. 2001: 28-29.

Groundwater Re-injection at Fernald: Its Role in Accelerating the Aquifer Remedy. By Kenneth A. Broberg and Robert Janke. Sept./Oct. 2000: 19-23.

The Industry Ground Water Protection Initiative: A Watershed Moment. By Kathleen C. Yhip, George J. Oliver, and Ralph L. Andersen. Mar./Apr. 2010: 24-28.

The Old Rifle Snowmaking Experience. July/Sept. 2014: 24-25.

In Situ Redox Manipulation: Fierce Energy of Groundwater VOCs and Heavy Metals. By Mary H. Ace. July/Aug. 2001: 24-27.

Journey to the Center of the . . . Vadose Zone. By Mary Beckman. July/Aug. 1999: 55-27.

Notes from the Vadose Zone. By Joseph R. Hearst, John R. Brodeur, and John G. Conaway. July 1994: 74-76, 78.

A Road Map to Cleanup Success: Hanford's Groundwater/Vadose Zone Integration Project. By Steven P. Sautter and Geoffrey L. Harvey. May/June 2001: 31-35.

Six Science Secrets of the Subsurface. By Kristin Manke and Julie Wiley. Mar./Apr. 2010: 30-35.

Indigenous Peoples

An Indian Tribal View of the Back End of the Nuclear Fuel Cycle: Historical and Cultural Lessons. By Mervyn L. Tano, J. Herman Reuben, Donna Powaukee, and A. David Lester. Mar. 1996: 44-47.

International

Accelerating High-Hazard Reduction at Sellafield. By Ali McKibbin and Lucy Watson. July/August 2010: 16-25.

The Added-Value Approach in Siting Nuclear Waste Facilities. By Matti Kojo and Phil Richardson. Jan.-Apr. 2012: 38-50.

Analogs and Dialogs: Integrating Natural Analog Studies into a National Confidence-Building Program. By I. McKinley and T. Tsuboya. Nov./Dec. 2001: 24-27.

The Benefits of International Cooperation on Decommissioning: U.S. and U.K. contributions to the Decommissioning of Kazakhstan's BN-350 Reactor. By D. Wells, J. Michelbacher, and T. Hayward. Nov.-Dec. 2011: 15-19.

Boon or Bane? A Repository's Effects on the Local Community. By Timo Sepp<\#138>l<\#138>. Jan./ Feb. 2010: 34-37.

Chapelcross Cooling Towers—Ten Seconds to Demolition. Sept./Oct. 20007: 28-29.

A Cold War Legacy: The Current Status and Challenges of Radioactive Waste Management in the Russian Navy. By John D. Gerken. May/June 1999: 31-38.

D&D Around the World. By Nancy J. Zacha. Nov./ Dec. 2005: 14-17.

Dealing with the U.K.'s Nuclear Legacy. By James Atkin. May/June 2006: 34-38.

Decommissioning Planning at Whiteshell Laboratories. By Randall Ridgway. Nov./Dec. 2002: 31-28.

Decommissioning the Building A59 Hot Cells at Winfrith. By Keith Miller, G. Tizzard, Steve Parkin-

son, Rowland Cornell, and Andrew Staples. Sept./ Oct. 2004: 41-49.

Decommissioning the KNK Compact Sodium-Cooled Nuclear Reactor. By Werner Kathol and Volker Ruedinger. Nov./Dec. 1998: 17-24.

Decommissioning the World's Largest Open-Air Nuclear Fuel Storage Pond. July/Aug. 2011: 32-36.

Delivering Cleanup at Sellafield. By Byron Smith. Mar./Apr. 2006: 30-35.

Design Options for the U.K.'s HLW Geological Disposal Facility. By Neil Chapman. Tamara Baldwin, Fiona Neall, John Mathieson, and Matthew White. Mar./Apr. 2009: 44-54.

Disposal of Disused Radioactive Sources. By R. Dayal and J. M. Potier. July/Aug. 2004: 39-47.

Down, ROVer, Down. July/Aug. 2012: 51-53.

The End of an Era: Decommissioning Four German Fuel Cycle Facilities. By Helmut Rupar, Roland Baumann, Peter Faber, Manfred Ruhbaum, and Helmut Schmitt. May/June 2000: 28-40.

Endless Search, Endless Failure, Endless Conflict: The Siting of a Radioactive Waste Disposal Facility in South Korea. By Yearn Hong Choi. May/June 2002: 20-24.

The Engineered Barrier System for a Deep Geologic Repository in Canada. By Sean B. Russell and Gary R. Simmons. Jan.Feb. 2004: 7-14.

Engineering for Transportation and Disposal of Low-Level Radioactive Wastes in Japan. By Yutaka Suzuki, Yoshihiro Akagawa, and Hiroo Ohno. Oct. 1994: 64-70.

EPRI Comes to Dounreay: The Cooperative Assistance Program for Waste Management. By Michael Dunnett and Paul McClennand. Mar./Apr. 2004: 62-71.

Extension Before Construction: Posiva's Spent Fuel Disposal Program. By Jussi Palmu and Timo <\#128>ik<\#138>s. May/June 2010: 36-41.

The First Integrated SNF Transshipment/Interim Storage Facility in Northwest Russia. By R S. Dyer, E. Banes, R. L. Snipes, and S. Hoibraten. July/Aug. 2005: 47-51.

First Nuclear Fuel Movement in 50 Years Is a Decommissioning Milestone at Sellafield. Jan.-Apr. 2012: 54-56.

Handling Legacy Waste Streams at Trawsfynydd. By Simon Parsons. July/Aug. 2007: 22-29.

The IAEA Radioactive Waste Management Programme. By Donald E. Saire. July 1994: 57-63.

IAEA Report on Fukushima Daiichi Decommissioning. By IAEA. Apr./June 2014: 38-41.

Impact Analyses and Tests of a Metal Cask in the Event of an Aircraft Engine Crash. By Sanghoon Lee, Woo-Seok Choi, Ki-Young Kim, Je-Eon Jeon, and Ki-Seog Seo. Jan.-Apr. 2013: 86-92.

In-Situ Nuclear Measurements for Decommissioning: Recent Trends and Needs. By C. Le Goaller and C. Mah<\#142>. May/June 2008: 39-43.

In-Tank Pipe Cropping a Great Success at Sellafield. By Steve McGowan. July/Aug. 2007: 30-33.

Interim Storage of Low-Level and Intermediate-Level Waste in Finland. May 1998: 18-20.

International and Regional Repositories: The Key Questions. By Charles McCombie and Ralph Stoll. Mar./Apr. 2002: 12-18.

The International Arctic Seas Assessment Project. By Gordon S. Linsley and Kirsti-Liisa Sjoeblom. July 1994: 64-68.

International Collaboration and Continuous Improvement. By Nancy J. Zacha. May/June 2013: 48-53. International Retrievability Scale for Waste in Geological Disposal. By Jean-No<\#145>l Dumont and Claudio Pescatore. July/Aug. 2012: 30-35.

International Storage of Commercial Spent Fuel and High-Level Waste. By Alex. R. Burkart. Sept./Oct. 2002: 29-33.

Introducing Cig</#142>0, the French Geological Repository Project. By T. Labalette, A. Harman, M. C. Dupuis, and G. Ouzounian. July/Aug. 2013: 46-51.

The Journey of the MCL Trader: Ship Modification for Spent Fuel Transport. By Michael Tyacke, Igot Bolshinsky, Wlodzimierz Tomczak, Sergey Nalatov, and Oleg Pichugin. July/Aug. 2011: 46-58.

Lessons Learned from Large Decommissioning Projects—The Spanish Experience. By Juan Luis Santiago and Alejandro Rodriquez. May/June 2013: 26-29.

LLRW Volume Reduction in Russia: Processing of Solid and Liquid Waste from Submarine Dismantlement. By J. H. Saloio, J. A. Jones, C. A. Aas, S. J. Simon, R. A. Penzin, and V. P. Tarasov. Jan./Feb. 2001: 13-19.

Low- and Intermediate-Level Waste Management in Spain. By Pablo Zuloaga. May/June 2000: 20-26.

Low-Level Radioactive Waste Management in Korea. By In Soon Chang. July 1997: 33-37.

Making MERLIN Disappear Without a Trace (Almost). By B. Stahn, R. Printz, K. Matela, and C. Zehbe. July/August 2010: 26-40.

Management of Contaminated Land at Dounreay. By Mike Pearl. Frank Dennis, and Mark Liddiard. Mar./ Apr. 2006: 36-42.

Managing Radwaste Around the World. By Nancy J. Zacha. Jan.-Apr. 2013: 64-69.

Managing the UKAEA Graphite Liabilities. By Michelle Wise. Nov./Dec. 2002: 29-38.

Microwave In-Drum Drying: A New Volume-Reduction Process for Radioactive and Toxic Liquid Waste. By Christian Giessmann. Jan./Feb. 2007: 21-24.

Milestone Reached at Sellafield Primary Separation Plant Decommissioning Project. Mar./Apr. 2010: 36-38.

The Monolith Project: An Alternative to the Chernobyl Shelter Implementation Plan. By Alexander Melnikov, Edward E. Purvis III, and Vladimir Tokarevsky. July/Aug. 2004: 34-38.

A New Day for Radioactive Waste Management Activities in Korea. By Myung-Jae Song and Chang-Lak Kim. Sept./Oct. 2001: 36-39.

A New Start for BNFL: Magnox Reactor Decommissioning Strategy. By Paul B. Woollam. July/Aug. 2001: 28-34.

New Waste Management Solutions at Hungary's Paks Nuclear Power Plant. By P. Ormai and J. Schunk, Jan./Feb. 2004: 33-41.

Nuclear Fuel Cycles in the U.K. By Fiona Rayment. Spring 2016: 48-51.

Nuclear Waste Management in Sweden. By Jan Carlsson. Nov./Dec. 1998: 25-30.

The Nuclear Waste Program in the United Kingdom: An Interview with Ian Handyside. Nov./Dec. 1998: 14-15.

Planning Ahead: Tailings Management for High-Grade Uranium Ores with High Arsenic and Nickel Content. By Arnaud de Bourayne, Robert Pollock, and John Rowson. May/June 2000: 42-48.

The Plutonium Issue: Materials Science Aspects of Going MOX and Alternative Solutions. By Hansjoachim Matzke and Jacques van Geel. Mar. 1996: 71-76.

Post Operational Cleanout Success at BNFL Sellafield in the United Kingdom. By E. J. Williamson, D. H. Norton, A. F. Hurley, and N. P. Houghton. July 1997: 38-41. A Question of Dry vs. Wet: The Case for Dry Rock Disposal of Nuclear Waste. By Bj<\#154>rn Cronhjort and Nils-Axel M<\#154>rner. May/June 2004: 44-47.

Radioactive Waste Is Getting Slimed! Microbial Janitors Tackle Nuclear Cleanup Problems. By Deborah Hill. Nov./Dec. 1999: 54-56.

Rehabilitation of the Former British Nuclear Weapons Test Site at Maralinga in South Australia, Australia. By Robert (Rob) Rawson, Caroline Perkins, and Lorimer (Lori) Fellingham. Nov. 1997: 10-15.

A Repository on the Doorstep: Finland's Low- and Intermediate-Level Waste Repository at the Loviisa Nuclear Power Station. By Simon Rippon. July/Aug. 2000: 26-27.

Returning HEU Fuel From the Czech Republic to Russia. By Michael Tyacke and Igor Bolshinsky. Sept./Oct. 2009: 39-50.

The Role of Robotics in U.K. D&D. Fall 2016: 32-35.

Russia to the Rescue? International Spent-Fuel Storage Options Discussed at the ANS Annual Meeting. By Nancy J. Zacha. July/Aug. 2002: 54-56.

Sellafield's Vitrification System. By Brett Campbell. Fall 2016: 28-31.

Shipping Spent Nuclear Fuel from the Czech Republic's NRI to the Russian Federation for Reprocessing. By Josef Podlaha. Mar./Apr. 2010: 48-62.

Sludge Retrieval Receives a Lift at Sellafield. Jan.-Apr. 2013: 44-48.

Soil Washing: Its Potential Application to the Treatment of Radioactively Contaminated Soils, Rubble, and Rocks from UKAEA Sites. By Mike Pearl. Jan./ Feb. 2004: 46-52.

Spent Fuel Disposal Success vs. Failure: A Comparison of the Swedish and U.S. Repository Programs. By Leif G. Eriksson. Jan./Feb. 2010: 22-30.

Stabilizing the Shelter at Chornobyl. By Marye Hefty. Nov./Dec. 2001: 32-34.

Studies, Transport, and Treatment Concept for Boilers from the Berkley Nuclear Power Plant. By Bo Wirendal, David Saul, Joe Robinson, and Gavin Davidson. Jan./Mar. 2014: 74-83.

Taking It Step by Step: Finland's Decision-in-Principle on Final Disposal of Spent Nuclear Fuel. By Junahi Vira. Sept./Oct. 2001: 30-35.

Technical Aspects of the Segmentation and Packaging Process for the José Cabrera Nuclear Power Plant Reactor Vessel. By José Miguel Valdivieso Ramos, Rafael Garcia Castro, Per Segerud, Nieves Martin, and Manuel Ondaro. Fall 2015: 21-24.

The Tokai-1 Decommissioning Project. By Tadamichi Satoh. March/April 2008: 28-35.

Tunneling Out at 20.85 Meters: Cleanup Progress at Sellafield's Pile Fuel Cladding Silo. By David Skilbeck. July/Aug. 2005: 10-16.

The UP1 D&D Program at Marcoule: Decontamination and Dismantling of Process Facilities. By Jean-Louis Garcia, Philippe Fontana, Didier Vernhet, and Didier Boya. Sept./Oct. 2007: 16-27.

Uranium Mine Cleanup in Australia. Nov./Dec. 1998: 6-13.

Using Mixed Bed Ion Exchange Resins in the MARS Nuclear Power Plant. By Enrico Ceccarelli, Gilberto Rinaldi, Maurizio Cumo, and Antonio Naviglio. July/August 2008: 45-49.

Vision 2010: Cleanup, Renewal of the Port Hope Uranium Conversion Facility. By Aldo D'Agostino. Mar./ Apr. 2009: 20-26.

"When Is the Blowdown Date?" The Public Information Campaign for the Chapelcross Cooling Tower Demolition. By Dan Gould. Jan./Feb. 2008: 32-36. The Zaporozhye ISFSI. By David G. Marcelli and Tommy B. Smith. Jan./Feb. 2002: 28-32.

Legal Issues

Appeals Court: DOE Must Take Spent Fuel or Pay the Consequences. By Michael A. Bauser. Sept. 1996: 15-18.

Awaiting a New Permit at WIPP. By Susan Scott. Sept./Oct. 2006: 56-61.

Courts Say Take or Pay: Litigation Related to the U.S. Department of Energy's Failure to Accept Spent Nuclear Fuel. By Michael A. Bauser. July/Aug. 2000: 15-19.

The Decontamination and Decommissioning Debate. By Anthony J. Thompson and Michael L. Goo. Apr. 1994: 32-41.

Finding Harmony: Developing Cleanup Criteria to Address multiagency Requirements. By John Peters, Jeffrey W. Lifely, and Nelson Walter. July/Aug. 2005: 36-46.

Getting It Right: New Hampshire's State-of-the-Art Nuclear Decommissioning Law. By Bruce J. Musico and Harold T. Judd. Nov./Dec. 2001: 21-23.

Remote Sight to Monitor Mound Site: Applying Machine Visions for Long-Term Stewardship. By David Reichhardt and Andrea T. Hart. Jan./Feb. 2005: 29-33.

State of New York, et al., Petitioners., v. Nuclear Regulatory Commission and United States of America, Respondents. July/Aug. 2012: 54-60.

Trusts for Long-Term Stewardship at Decommissioned Nuclear Facilities. By Anthony J. Thompson and Christopher S. Pugsley. July/Aug. 2002: 45-49.

Low-Level Waste Management

Advanced Approaches to Reduce Waste, Slash Costs. July/Aug. 2012: 17-19.

"And the Train Pulls Out from" Fernald's Waste Pits Cleanup. By Julie Loerch and Dave Lojek. Mar./ Apr. 2000: 32-37.

Assured Storage Facilities: A New Perspective on LLW Management. By William F. Newberry, Thomas A. Kerr, and David H. Leroy. Sept. 1995: 13-22.

Assured Storage Integrated Management Systems: The Most Frequently Asked Questions. By William E. Newberry, Thomas A. Kerr, and David H. Leroy. Sept. 1996: 20-25.

Borehole Disposal of LLW. Spring 2016: 56-59.

Careful Operations at Envirocare of Utah. May/June 2001: 11-14.

Controlled Recycle: An Alternative to the Burial of Low-Level Radioactive Waste. By J. Mark Price. Sept./Oct. 2008: 44-48.

Covering All the Bases at the Low-Level Summit. By Nancy J. Zacha. Nov./Dec. 2007: 13-20.

Crossroads or Dead End: LLW Disposal in the United States. By E. Michael Blake. May/June 1999: 9-16.

The DC Plasma-Arc Furnace: A High-Temperature Solution to Waste Treatment. By Ronald W. Goles, William F. Bonner, and Whitney D. St. Michel. Jan./ Feb. 2000: 40-43.

The Decay-in-Storage Room at the Einstein College of Medicine. By George Hamawy and Carl Passler. Mar. 1995: 14-17.

The Design and Licensing Status of the Central Interstate Compact Facility: An Above-Grade LLRW Disposal Facility. By John E. Gunning, Michael A. Sabbe, Richard F. Schulman, and John H. DeOld. July 1997: 27-32.

⊗ANS

Disposal of Low-Level Radioactive Waste: American Nuclear Society Position Statement, November 2004. May/June 2005: 32.

Disposal of Low-Level Radioactive Waste: American Nuclear Society Position Statement, February 2009. Sept./Oct. 2009: 38.

Disposing of Oak Ridge's U-233. By Tim Gregoire. Spring 2015: 34-38.

Disposition of the West Valley Demonstration Project Vitrification Melter. By Jim McNeil, David Kurasch, Daniel Sullivan, and Thomas Crandall. July/Aug. 2012: 20-29.

DU, Part 61, and a Host of Other Issues. By Nancy J. Zacha. Nov./Dec. 2009: 16-22.

The Dynamics of Public Opposition: Lessons from LLW Management. By Ellen Meadd. Nov./Dec. 2003: 30-35.

Entering a New Era for Radioactive Waste Management. By Nancy J. Zacha. Jan.-Apr. 2012: 91-100.

Environmental Remediation at the Maxey Flats Disposal Site. By Martin Brownstein and Greg Rice. Jan./Feb. 2005: 34-39.

Environmentalism and Low-Level Waste—The Aftermath. By Peter J. Pastorelle. May 1995: 41-51.

EPRI Takes on Low-Level Waste Disposal Issues. By Phung Tran and David James. May/June 2008: 14-21.

EPRI's Low-Level Waste Management R&D Program. By Carol Hornibrook. July 1997: 14-16, 18, 20.

Focusing on LLW Issues at Waste Management '07. By Nancy J. Zacha. May/June 2007: 17-19.

Here's a TIP: The Advanced Resin Cleaning System Is Success for Grand Gulf. By Philip Theibert. Nov./ Dec. 1998: 43-46.

Heroes for Zeros—Developing a High-Performance Team. By Christopher A. Lewis. Sept. 1998: 36-39.

How Low Can You Go? By Lisa Edwards. Apr./June 2014: 17-21.

The IAEA's Current Activities in Low- and Intermediate-Level Radioactive Waste. By Ramesh Dayal. May/june 2002: 10-18.

In Pursuit of Risk-Informing Low-Level Waste Disposal Regulations. By David James, Thomas Kalinowski, and Phung Tran. May/June 2010: 13-19.

Insights and Perspective on the Blending Issue. By Michael H. Mobley. May/June 2010: 32-33.

Interim Storage Is Not Long-Term Disposal. By John R. Vincenti. Oct. 1994: 71-79.

Interim Storage of Low-Level and Intermediate-Level Waste in Finland. May 1998: 18-20.

July 1, 2008—Just Another Day in the Life of Low-Level Radwaste Generators. By Jack Harrison and David Cronshaw. May/June 2008: 9-13.

Less Means Less: Duke's Liquid Radwaste Solution. By Tom Shiel. Nov./Dec. 1998: 37-42.

Let the Private Sector Help. By Charles Judd. May/ June 2000: 14-15.

Licensing a NORM/TENORM Disposal Site: The Deer Trail Landfill. By W. E. Kennedy Jr., Phillip G. Retallick, John H. Kehoe, Michael M. Webgb., David B. Nielsen, James R. Spaanstra, and Lynn M. Kornfeld. May/June 2006: 42-48.

LLRW Volume Reduction in Russia: Processing of Solid and Liquid Waste from Submarine Dismantlement. By J. H. Saloio, J. A. Jones, C. A. Aas, S. J. Simon, R. A. Penzin, and V. P. Tarasov. Jan./Feb. 2001: 13-19.

Looking to the STARS to Reduce Class B/C Waste: EPRI's Waste Logic-Solid Waste Manager Can Help. By Clint Miller. Nov./Dec. 2003: 24-28. Low- and Intermediate-Level Waste Management in Spain. By Pablo Zuloaga. May/June 2000: 20-26.

Low-Level Radioactive Waste: Depleted Uranium, Waste Imports, and Other Issues. By Nancy J. Zacha. May/June 2010: 28-31.

Low-Level Radioactive Waste Disposal: Are We Having a Crisis Yet? By Nancy J. Zacha. May/June 2007: 10-16.

Low-Level Radioactive Waste Management in Korea. By In Soon Chang. July 1997: 33-37.

Low-Level Radioactive Waste Management in the United States: What Have We Wrought? By Lawrence R. Jacobi Jr. July/Aug. 2012: 14-16.

Low-Level Radwaste Storage Facility at Hope Creek and Salem. By Larry C. Oyen, Kristen K. Lee, Richard Bravo, and Bruce Bovankovich. Jan. 1994: 71-74.

Low-Level Waste at Waste Management 2013. By Nancy J. Zacha. May/June 2013: 23-25.

Low-Level Waste Disposal: Is There a Solution Out There? By Nancy J. Zacha. May/June 2005: 29-31.

Low-Level Waste Issues in the Spotlight at WM11. By Nancy J. Zacha. May/June 2011: 15-18.

Low-Level Waste Storage Options, Concerns. By Nancy J. Zacha. May/June 2008: 22-24.

Managing Radwaste Around the World. By Nancy J. Zacha. Jan.-Apr. 2013: 64-69.

Moving the Goal Posts: Another Delay in the Ward Valley Land Sale. By Alan D. Pasternak. May 1996: 44-47.

The National Low-Level Radioactive Waste Act: Success or Failure? By Richard F. Paton. July 1997: 21-26.

New Material Traps Radioactive ions Using "Venus Flytrap" Method. May/June 2010: 34.

A New Role for the Nevada Test Site. By Richard G. Telfer. Mar./Apr. 2002: 48-53.

NNSS Waste Disposal Proves Vital Resource for DOE Complex. By Angela Ramsey. Jan.-Apr. 2013: 50-57.

On-Site Low-Level Waste Storage at D.C. Cook. By Walter T. MacRae. Apr. 1994: 66-70.

Onsite Storage: Reducing the Burden. By Lisa Edwards. May/June 2010: 20-23.

On-Site Waste Minimization Programs at McGuire Nuclear Station. By Graham T. Johnson. May 1998: 21-23.

Pennsylvania's Community Partnering Plan. By John Burk. Sept. 1996: 43-46.

Performance Assessment for Low-Level Radioactive Waste Disposal. By James R. Cook, Robert H. Hsu, Elmer L. Wilhite, and Andrew D. Yu. Sept. 1996: 32-38.

The Politics of Low-Level Radioactive Waste Disposal. By Alan Pasternak. May/June 2001: 16-20.

Post-Barnwell Disposal of Class B and C Resins and Filters. By Charles Jensen and Clint C. Miller. Jan./ Feb. 2008: 14-18.

Post Operational Cleanout Success at BNFL Sellafield in the United Kingdom. By E. J. Williamson, D. H. Norton, A. F. Hurley, and N. P. Houghton. July 1997: 38-41.

Public Confidence Needed for Successful Low-Level Waste Management. By Gregory B. Jaczko. July/Aug. 2009: 36-37.

Radioactive Waste Disposal in the United States. By Aubrey V. Godwin. July/Aug. 2011: 66-67.

A *Radwaste Magazine* Interview: Managing LLW at the Palo Verde Nuclear Power Plant. July 1997: 10-13.

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

Nuclear Power Station. By Simon Rippon. July/Aug. 2000: 26-27.

Reverse-Osmosis Applications for PWR Liquid Radwaste Processing. By Pete Gunderson, Tom Jamieson, Billy Cox, and Charles Jensen. Jan./Feb. 2008: 10-13.

The Right Thing to Do. By Kathryn V. Haynes. May/ June 2000: 16-17.

Safe Disposal of Low-Level Radioactive Waste: Statutory Process Versus Ad Hoc Committees. By Donna Earley. May/June 2000: 18-19.

Same Issues, New Solutions at This Year's Radwaste Summit: A Report from the Second Annual Radwaste Summit. By Nancy J. Zacha. Nov./Dec. 2008: 16.

Sellafield's Vitrification System. By Brett Campbell. Fall 2016: 28-31.

SMAC on the Track or on the Road: New Intermodal Containers for LLW. By Scott Dempsey. May/June 2005: 27-28.

Southeast Compact Commission Policy Statement: Management of Low-Level Radioactive Waste. Mar./ Apr. 2006: 66-67.

The State of Affairs in the Wasteland. By Jack K. Lemley. May/June 1999: 65-66.

Successful Closure of the Beatty, Nevada Low-Level Radioactive Waste Disposal Facility—An Industry First. By Mark S. Cade and James A Shaffner. May 1998: 10-12.

A Team Effort: Reducing the Volume of Low-Level Radioactive Waste. By Kerry Zimmermann. Sept. 1996: 39-41.

There Is No Commercial Low-Level Waste Disposal Crisis in the United States—Yet! By Nancy J. Zacha. May/June 2004: 14-17.

Time Can Change Everything: Low-Level Radioactive Waste Amid Changing Realities. By John Weisart. May/June 2001: 22-24.

To Blend or Not to Blend: Blending U.S. Commercial Low-Level Waste to Allow Disposal. By Nancy J. Zacha. May/June 2010: 24-27.

Topics in Low-Level Waste. By Tim Gregoire. July/ Sept. 2014: 40-42.

Two Novel Approaches: Lowering Waste Management Life-Cycle Costs through Onsite Volume Reduction of Class B and C Wastes. By John Raymont and Gaetan Bonhomme. Nov./Dec. 2010: 14-22.

Unwanted and Orphan Sources: Disposition Efforts and Challenges. By R. E. McBurney, C. R. Meyer, and D. B. Gilley. May/June 2011: 12-14.

Waste Control Specialists—Where They Are and Where They're Going. By Daniel D. Burns. May/June 2013: 18-22.

Waste Management by a One-Man Band: Managing a University and Medical LLRW Program. By P. Andrew Karam. Mar./Apr. 2000: 38-42.

Waste Volume Modeling for a New LLRW Disposal Facility in Illinois. By Thomas W. Ortciger, Michael E. Klebe, and Paul Corpstein. May 1998: 13-17.

WCS Begins Construction of LLW Disposal Facilities in Texas. By Rickey Dailey. May/June 2011: 19-22.

We're from the Government, and We're Here to Help Ourselves: Low-Level Waste, the Act, Cabbages, and Kings. By Peter J. Pastorelle. Nov./Dec. 1998: 53-54.

Why We Need Better Management of Low-Activity Radioactive Waste. By John R. Wiley. May/June 2005: 20-26.

Mine/Mill Tailings

A Case of Customized Design: DOE UMTRA Project Disposal Cell Summary. By John C. Lommler, Ping K. Chen, Edward Artiglia, Frank B. Guros, Barbara Bridgeman, and Steven Cox. May/June 1999: 39-50.

Planning Ahead: Tailings Management for High-Grade Uranium Ores with High Arsenic and Nickel Content. By Arnaud de Bourayne, Robert Pollock, and John Rowson. May/June 2000: 42-38.

Transporting the Moab Uranium Mill Tailings to White Mesa Mill by Slurry Pipeline. By Ron F. Hochstein, Rod Warner, and Terry V. Wetz. Mar./Apr. 2004: 30-37.

UMTRA—A Learning Experience. By John E. Elmer. Nov. 1996: 43-48.

Uranium Mine Cleanup in Australia. Nov./Dec. 1998: 6-13.

Minimization

Building a Mixed-Waste Prevention Program at Comanche Peak. By R. B. McCamey. May 1995: 21-28.

A Diablo Canyon Double Feature: When Less Is Less, by Clint Miller; Consolidation of Waste Correlation Factors, by Clint Miller and L.T. Claytor. Mar. 1996: 64-70.

Four Key Elements for Radioactive Waste Minimization: Preplanning, Equipment and Facilities, Training. By Gene Henry. Jan. 1994: 20-24.

Mixed Wastes

The Changing Adventures of Mixed Low-Level Waste Disposal at the Nevada Test Site. By G. L. Pyles, J. T. Carilli, S. K. Krenzien, and J. K. Wrapp. March/April 2008: 56-65.

The TRU and Mixed Waste Focus Area: Bridging the Gap between Waste Inventory and Disposal Methodologies. By Jodi Townsend. Jan./Feb. 2001: 20-24.

Solidification/Stabilization Treatability Study of a Mixed-Waste Sludge. By Roger D. Spence and Ernie F. Stine. Nov. 1997: 40-44.

Responding to the New Realities: Thinking outside the Box to Solve the Mixed Waste Problem. By Gerald Boyd, Mark Gilbertson, William Owca, and Edward Rizkalla. May/June 2001: 49-53.

Monitored Retrievable Storage (See also Storage, Spent Fuel)

BANANAS, Alligators, and "Hot Rocks That Shoot Ghost Bullets": Sitings Along the Path to an MRS. By Vic Trebules and Dan Kane. Apr. 1994: 23-28.

The MRS and the Mescalero Apaches. By Fred Peso. Apr. 1994: 29-31.

National Aeronautics and Space Administration

Community Relations—The NASA Way. By Burt Peretsky. July/Aug. 2002: 34-39.

Here's the Dirt on Soil Assay at Plum Brook. By Alex Lopez. July/August 2010: 56-59.

Lending an Ear and a Voice: NASA's Plum Brook Station Community Workgroup. By Michael Morgan. July/Aug. 2007:47-52.

Offsite Contamination in Plum Brook<\#200>From Discovery and Characterization to Demonstration of Regulatory Compliance. By Keith M. Peecook. Sept./ Oct. 2010: 20-27.

Natural Analogs

Analogs and Dialogs: Integrating Natural Analog Studies into a National Confidence-Building Program. By I. McKinley and T. Tsuboya. Nov./Dec. 2001: 24-27.

Artifact to Analogue: Archeology of Arid Environments points to Management Options for Yucca Mountain. By Neil Chapman, Amy Dansie, and Charles McCombie. Mar./Apr. 2007: 22-31.

Cigar Lake: A Natural Example of Long-Term Isolation of Uranium. By Jan Cramer. May 1995: 36-40.

Confidence-Building Tools for HLW Repositories: An Introduction to the Series. By Charles McCombie and Ian McKinley. Jan. 1995: 26-31.

The Fossil Nuclear Reactors of Oklo, Gabon. By John Smellie. Mar. 1995: 18-27.

Natural Analogs for Yucca Mountain. By William M. Murphy. Nov. 1995: 44-50.

Natural Cements: How Can They Help Us Safely Dispose of Radioactive Waste? By W. Russell Alexander. Sept. 1995: 61-69.

Poços de Caldas: Testing Models of Radionuclide Transport Processes. By Ian G. McKinley. July 1995: 34-38.

Postcards from the Past: Archaeological and Industrial Analogs for Deep Repository Materials. By Bill Miller and Neil Chapman. Jan. 1995: 32-42.

Packaging

IAEA Compatibility Regulations Overview. By Charles H. Smith. Apr. 1994: 62-65.

The Potential Impact of Using TAD Canisters on Yucca Mountain Preclosure Operations. By Leah Spradley, Mark Abkowitz, and James H. Clarke. Mar./Apr. 2009: 56-62.

Shielded Payload Containers for WIPP Remote-Handled Waste. By Roger A. Nelson and D. Sean White. Mar./Spr. 2009: 64-72.

Technical Aspects of the Segmentation and Packaging Process for the José Cabrera Nuclear Power Plant Reactor Vessel. By José Miguel Valdivieso Ramos, Rafael Garcia Castro, Per Segerud, Nieves Martin, and Manuel Ondaro. Fall 2015: 21-24.

WIPP's Mobile Loading Unit: Loading Shipments Using Mobile/Modular Systems. By Bryan Howard. May/June 2009: 42-46.

WIPP's Unique Fleet of Packages Delivers. By Robert Johnson and Todd Sellmer. May/June 2009: 47-53.

Wrapping Up a Waste Problem: Innovative Use of Polyurea Coating at Rocky Flats Reduces Risk, Saves Money. By Jackie Powers. May/June 2004: 40-43.

Perspectives

Are Deep Geologic Repositories Really Necessary? By Christopher M. Timm and Cassandra Mueller. July/Aug. 2012: 61-66.

Breaking the High-Level Waste/Spent Fuel Logjam. By Dade W. Moeller. May/June 2006: 18-20.

Decommissioning: Thinking Through to the End. By Russell Mellor. Sept./Oct. 2001: 26-28.

Deep Disposal of Irradiated Nuclear Fuel: An Alternate Viewpoint. By Bj<\#154>rn Cornhjort. Mar./ Apr. 2002: 19-22.

Insights and Perspective on the Blending Issue. By Michael H. Mobley. May/June 2010: 32-33.

It's Time for Radioactive Waste Disposal in Salt. By Ray Funderburk. May/June 2013: 54-56.

The Paradox of Nuclear Waste: Understanding Nuclear Waste and its Role in the Coming Nuclear Expansion. By Harold F. McFarlane. Sept./Oct. 2006: 32-36.

Planning for Decommissioning: What, How, When, and Why? By W. W. Bixby and W. J. Manion. Sept./ Oct. 1999: 66-68.

Potential Cost Reduction in Used Nuclear Fuel Processing. By Jimmy T. Bell. Fall 2016: 40-42.

Radioactive Waste Disposal in the United States. By Aubrey V. Godwin. July/Aug. 2011: 66-67.

Rethinking the Disposition of Hanford Tank Wastes: A Perspective. By Frank L. Parker, Donald E. Clark, and Nabil Morcos. Nov./Dec. 2001: 35-39.

The State of Affairs in the Wasteland. By Jack K. Lemley. May/June 1999: 65-66.

The Tragedy of Yucca Mountain. By Dade W. Moeller. Sept./Oct. 2010: 52-57.

The Tragedy of Yucca Mountain: Part II. By Dade W. Moeller. Jan.-Apr. 2011: 54-58.

We're from the Government, and We're Here To Help Ourselves: Low-Level Waste, the Act, Cabbages, and Kings. By Peter J. Pastorelle. Nov./Dec. 1998: 53-54.

Plutonium

D&D of the Plutonium Finishing Plant. By Tim Gregoire. Oct./Dec. 2014: 16-19.

Hanford Pu Process Vessels out the Door—A Year Ahead of Schedule. By Todd Nelson. July/Aug. 2002: 30-33.

More Hanford Firsts: Demolition of a Hanford Plutonium Facility. By Geoff Tyree, Tom Orgill, Jeff Riddelle, and Andrea Harper. July/Aug. 2004: 11-14.

The Plutonium Issue: Materials Science Aspects of Going MOX and Alternative Solutions. By Hansjoachim Matzke and Jacques van Geel. Mar. 1996: 71-76.

Plutonium: Requiem or Reprieve. By K. K. S. Pillay. Jan. 1996: 59-65.

Turning the Corner at Hanford: Hanford Plutonium Finishing Plant Completes Plutonium Stabilization; Key Safety Issues Closed. By Michele Gerber. May/ June 2004: 18-27.

Recordkeeping

Informing Future Societies About Nuclear Waste Repositories. By Mikael Jensen. Apr. 1994: 53-61.

Lessons from the Vatican Archives for Repository Recordkeeping. By Suzanne B. Pasztor and Stephen C. Hora. July 1994: 39-47.

WIPP Marker Development. By Kathleen M. Trauth. Apr. 1994: 46-52.

Recycling and/or Reuse

Advanced Fuel Cycles, Cleanup Progress, and Other Issues: A Report from the 2006 ANS Summer Meeting. By Nancy J. Zacha. Sept./Oct. 2006: 62-64.

The Ashland 2 Cleanup. By Bruce K. Howard, David J. Conboy, Michelle R. Rehmann, and Harold R. Roberts. Mar./Apr. 1999: 39-44.

The Best Kind of Recycling: Building 7602 at ORNL. By Angie Brill, James Berger, Andy Kelsey, and Ken Plummer. July/Aug. 2002: 12-20.

Controlled Recycle: An Alternative to the Burial of Low-Level Radioactive Waste. By J. Mark Price. Sept./Oct. 2008: 44-48.

Fernald Scrap Metal Recycling and Beneficial Reuse. By Gerald P. Motl and Daniel D. Burns. Jan. 1994: 50-55.

Getting the Lead Out: Recycling and Decontamination at the INEL. By Erik A. Simpson. July 1994: 49-51. Moving to Another Stage of Life: Shipping, Decontaminating, and Final Disposition of the Maine Yankee Large Components. Sept./Oct. 2000: 50-55.

A New Life for Recycling—And Other Decommissioning and Waste Management Updates: A Report from the 2005 ANS Winter Meeting. By Nancy J. Zacha. Mar./Apr. 2006: 58-65.

Nuclear Fuel Cycles in the U.K. By Fiona Rayment. Spring 2016: 48-51.

Nuclear Fuel Recycling: ANS Position Statement. Mar./Apr. 2006: 68.

Potential Radioactive Scrap Metal Quantities from Nuclear Power Plants Worldwide. By Leslie A. Nieves and Roger W. Tilbrook. Jan. 1996: 45-53.

R&D Progress on Recovery/Recycle of Zirconium from Used Fuel Cladding. By Emory D. Collins, Guillermo Daniel DelCul, Barry B. Spencer, Jared A. Johnson, Ronald R. Brunson, and Rodney D. Hunt. Spring 2016: 52-54.

Recycling Hits the Big Time: Reactor Coolant Pump Decontamination and Refurbishment at Oconee. By Tom Shiel. Jan./Feb. 2000: 44-48.

Recycling the Cotter Concentrate. By Colleen T. O'Laughlin, Michelle R. Rehmann, Harold R. Roberts, and Peter A. Sanders. Mar./Apr. 1999: 58-66.

The Risk of CERCLA Liability Associated with DOE-Generated Scrap Metal. By J. Michael Sowinski Jr. Mar./Apr. 2001: 48-55.

Reduction

Decreasing Dry Active Waste Generation by 50% in One Year. By Steven M. Lorenz. Sept. 1995: 47-49.

An Operating Philosophy for Volume Reduction. By Frederic J. Mís. Apr. 1994: 42-45.

Waste Reduction at the Source—The Next Step. By Katie Redd and Tracy Barker. Sept. 1995: 50-53.

Regulatory Issues

Catching Up with Clearance Criteria. By Nancy J. Zacha. Sept./Oct. 2001: 57-58.

Cutting the Gordian Knot That Binds WIPP: Sampling and Analysis to Validate Acceptable Knowledge on LANL Transuranic, Heterogeneous, Debris Waste. By Stanley T. Kosiewicz, Daniel I. Michael, Paul K. Black, Inez Triay, and Lawrence A. Souza. Mar./Apr. 2000: 55-64.

Data Needs for Storage and Transportation of High-Burnup Fuel. By R. E. Einziger, C. L. Brown, G. P. Hornseth, and C. G. Interrante. Mar./Apr. 2005: 44-57.

Doin' the D&D: Dancing to the Regulatory Tune. By John D. Haseltine and Stephen J. Milioti. Jan./Feb. 1999: 44-49.

Full Burnup Credit in Transport and Storage Casks—Benefits and Implementation. By C. V. Parks, J. C. Wagner, D. E. Mueller, and I. C. Gauld. Mar./Apr. 2007: 32-41.

In Pursuit of Risk-Informing Low-Level Waste Disposal Regulations. By David James, Thomas Kalinowski, and Phung Tran. May/June 2010: 13-19.

Independent Oversight at WIPP. By Christopher M. Timm. May/June 2009: 66-70.

The Inspector Calls: Inspection Planning, Feedback, and Results on Decommissioning. By Nancy J. Zacha. Jan./Feb. 2001: 44-45.

License Termination, Unrestricted Release Criteria, and More: A *Radwaste Magazine* Interview. Jan./Feb. 1999: 20-22.

NRC's D&D Regulations. By Anthony J. Thompson. Mar. 1998: 47-54. Please Release Me . . . : Materials and Site Free-Release Issues. By Nancy J. Zacha. Jan./Feb. 2001: 46-47.

Radiation Exposure: Overcoming Vested Interests That Block Good Science. By Stanley E. Logan. Mar./ Apr. 2000: 50-54.

Radioactive Futurology: Issues Associated with Regulatory Compliance Periods for Radioactive Waste Disposal. By Paul Black, Robert Lee, Bruce Crowe, and Billy Cox. July/Sept. 2014: 26-34.

Some Views on Closing the Fuel Cycle. By Dale E. Klein. Sept./Oct. 2008: 13-15.

Spent Fuel, Nuclear Waste on the Regulatory Radar Screen. By Nancy J. Zacha. May/June 2007: 42-47.

Staged Licensing and the Need to Assure Issue Closure in New NRC Regulations for Licensing the Yucca Mountain Repository. By F. Stanley Echols. July 1998: 10-14.

State of New York, et al., Petitioners., v. Nuclear Regulatory Commission and United States of America, Respondents. July/Aug. 2012: 54-60.

Streamlining the NRC's Waste Management Program. By Margaret V. Federline. Mar. 1996: 55-58.

Waste Confidence, Waste Packaging, and Other Issues. By Dale E. Klein. Sept./Oct. 2009: 36-37.

Why We Need Better Management of Low-Activity Radioactive Waste. By John R. Wiley. May/June 2005: 20-26.

WIPP Certification: A DOE Success Story. By George E. Dials. Jan./Feb. 1999: 15-19.

Yucca Mountain Repository Standards: What Does the EPA Not Understand? By Dade W. Moeller. Sept./ Oct. 2008: 10-12.

Reprocessing

Advanced Fuel Cycles, Cleanup Progress, and Other Issues: A Report from the 2006 ANS Summer Meeting. By Nancy J. Zacha. Sept./Oct. 2006: 62-64.

A New Life for Recycling—And Other Decommissioning and Waste Management Updates: A Report from the 2005 ANS Winter Meeting. By Nancy J. Zacha. Mar./Apr. 2006: 58-65.

Nuclear Fuel Cycles in the U.K. By Fiona Rayment. Spring 2016: 48-51.

Nuclear Fuel Recycling: ANS Position Statement. Mar./Apr. 2006: 68.

Potential Cost Reduction in Used Nuclear Fuel Processing. By Jimmy T. Bell. Fall 2016: 40-42.

Some Views on Closing the Fuel Cycle. By Dale E. Klein. Sept./Oct. 2008: 13-15.

Taking Another Look at Reprocessing: Design Considerations for New Facilities. By Ted Breitmayer. Sept./Oct. 2001: 49-53.

Robotics and Remote Systems

The Arm from MARS. Jan.-Apr. 2012: 52-53.

Bringing Robotics Technology Down to Earth. By Brian R. Fuller. Mar. 1997: 23-27.

Build It Fast, Use It Faster: The Story of the DWPF Melt Cell Crawler. By Clyde R. Ward, Montenius Collins, Thomas A. Nance, and Michael C. Prather. Jan./Feb. 2004: 20-25.

Down, ROVer, Down. July/Aug. 2012: 51-53.

In-Tank Pipe Cropping a Great Success at Sellafield. By Steve McGowan. July/Aug. 2007: 30-33.

Konan to the Rescue. By Eric Shen, Eric Gerber, and Judith Graybeal. Mar./Apr. 1999: 7-14.



Managing It Remotely: IAEA Review of Remote Technology in Spent-Fuel Management. By Jae Sol Lee. Mar./Apr. 2002: 24-29.

Pit Viper Strikes at the Hanford Site: Pit Maintenance Using Robotics at the Hanford Tank Farms. By Lynne Roeder-Smith. May/June 2002: 33-39.

Radioactive Waste Sampling Supports Processing. By Thomas A. Nance. Mar. 1997: 18-22.

Remote Automatic Control Scheme for Plasma Arc Cutting of Contaminated Waste. By Aed M. Dudar, Clyde R. Ward, and Eric M. Kriikku. Jan. 1994: 56-62.

A Remotely Operated Tank Waste Retrieval System for ORNL. By B. L. Burks, D. D. Falter, R. L. Glassell, S. D. Van Hoesen, M. A. Johnson, P. D. Lloyd, and J. D. Randolph. Mar. 1997: 10-16.

Robotic Arm to Speed Hanford Tank Waste Removal. By Mike Berriochoa. Jan./Feb. 2010: 31-33.

Robotic Inspection of Nuclear Waste Storage Facilities. By Ron Fulbright and Larry M. Stephens. Nov. 1995: 36-43.

Robotic System Cleans Underground Storage Tank at Oak Ridge. By S. Dirk Van Hoesen, Cavanaugh S. Mims, and Barry L. Burks. Mar. 1998: 55-61.

Robotics Down on the (Tank) Farm. By Michele Gerber. Mar./Apr. 1999: 21-25.

Robots Provide Valuable Tools for Waste Processing at Millstone Nuclear Power Station. By Kirk Miles and Kathy Volpe. Mar. 1997: 28-30.

The Role of Robotics in U.K. D&D. Fall 2016: 32-35.

The Visual and Radiological Inspection of a Pipeline Using a Teleoperated Pipe Crawler. By Robert F. Fogle, Kevin Kuelske, and Robert A. Kellner. July 1996: 42-49.

WRAPping It Up at Hanford. By Bryan Kidder and Mark French. Mar./Apr. 1999: 15-19.

Safety

The ABCs of Decommissioning Safety. By Bill Grubilowicz and Janenne Irene Harrington. Jan./Feb. 2002: 8-11.

Advancing Worker Safety at Hanford's Tank Farms. By Mike Berriochoa. May/June 2006: 23-27.

Andros and Rosie and Other Friends to D&D Workers: Decommissioning Technologies that Improve Worker Safety. By Steven Bossart and Danielle Blair. Jan./Feb. 2002: 16-10.

MADness and Spent-Fuel Cask Safety. By Charles W. Pennington and Michael S. McGough. May/June 2002: 25-30.

Making Safety Work: Safety-Enhancing Technologies and Practices at INEEL Decommissioning Projects. By Richard Meservey. Jan./Feb. 2002: 20-24.

A Partnership for PCE Reduction. By Scott Griffin. May/June 2013: 30-33.

Talk the Talk and Walk the Walk: Focusing on Safety during Fusion Reactor Decommissioning. By Keith Rule, Erik Perry, and Jerry Levine. Jan./Feb. 2002: 12-15.

Sampling

The Importance of Radiological Data Validation. By Kendra K. Grega and LeRoy F. Wenrick. Mar. 1995: 28-32.

Notes from the Vadose Zone. By Joseph R. Hearst, John R. Brodeur, and John G. Conaway. July 1994: 74-76, 78.

Siting

The Added-Value Approach in Siting Nuclear Waste Facilities. By Matti Kojo and Phil Richardson. Jan.-Apr. 2012: 38-50.

Boon or Bane? A Repository's Effects on the Local Community. By Timo Sepp<\#138>l<\#138>. Jan./ Feb. 2010: 34-37.

Consent-Based Siting . . . and Other BRC Issues. By Nancy J. Zacha. May/June 2013: 44-46.

Consent-Based Siting: What Have We Learned? By Daniel Metlay. July/Aug. 2013: 28-36.

Endless Search, Endless Failure, Endless Conflict: The Siting of a Radioactive Waste Disposal Facility in South Korea. By Yearn Hong Choi. May/June 2002: 20-24.

Informing Future Societies About Nuclear Waste Repositories. By Mikael Jensen. Apr. 1994: 53-61.

It's Time for Radioactive Waste Disposal in Salt. By Ray Funderburk. May/June 2013: 54-56.

Radioisotopes, Medicine, and Low-Level Waste Disposal. By Rosalyn S. Yalow. Jan. 1994: 48-49.

The Volunteer Approach: A Siting Partnership. By Domenic Forcella and Ronald E. Gingerich. Jan. 1994: 30-35.

Ward Valley and the Federal Low-Level Radioactive Waste Policy Act. By Alan D. Pasternak. Mar. 1996: 39-43.

Ward Valley: Heading for the Finish Line and Picking Up Speed. By Nicki Hobson. Jan. 1996: 55-58.

WIPP Marker Development. By Kathleen M. Trauth. Apr. 1994: 46-52.

Soil Processing

Air Classification Methods at the Nevada Test Site. By Mark J. Harper, Martin E. Nelson, and Andrew D. Buckon. Oct. 1994: 28-32.

Building Dismantlement and Site Remediation at the Apollo Fuel Plant: When Is Technology the Answer? By Lewis Walton. Jan. 1995: 20-25.

In Situ Redox Manipulation: Fierce Energy of Groundwater VOCs and Heavy Metals. By Mary H. Ace. July/Aug. 2001: 24-27.

Processing Plutonium-Contaminated Soil on Johnston Atoll. By Kathleen Moroney, John Moroney III, John Turney, and Nels Johnson. July 1994: 69-73, 91-92.

Putting Plants to Work: The ANL-West Phytoremediation First-Year Field Season Demonstration. By Scott Lee. May/June 2000: 49-54.

A Road Map to Cleanup Success: Hanford's Groundwater/Vadose Zone Integration Project. By Steven P. Sautter and Geoffrey L. Harvey. May/June 2001: 31-35.

Soil Washing: Its Potential Application to the Treatment of Radioactively Contaminated Soils, Rubble, and Rocks from UKAEA Sites. By Mike Pearl. Jan./ Feb. 2004: 46-52.

Sources

Borehole Disposal of LLW. Spring 2016: 56-59.

Disposal of Disused Radioactive Sources. By R. Dayal and J. M. Potier. July/Aug. 2004: 39-47.

New Hope for Disused Sealed Source Disposal. May/ June 2013: 4.

Unwanted and Orphan Sources: Disposition Efforts and Challenges. By R. E. McBurney, C. R. Meyer, and D. B. Gilley. May/June 2011: 12-14.

Spent-Fuel Processing

EBR-II Spent Fuel Treatment Demonstration Project Status. By Robert W. Benedict and Harold F. McFarlane. July 1998: 23-27, 30.

Potential Cost Reduction in Used Nuclear Fuel Processing. By Jimmy T. Bell. Fall 2016: 40-42.

Spent-Fuel Management/Storage

An Aging Management Plan for Spent Fuel Dry Storage and Transportation. By Robert E. Einziger. July/ Aug. 2013: 38-45.

All Dressed Up with No Place To Go: The Disposition of Spent Nuclear Fuel. By Nancy J. Zacha. Jan./ Feb. 1999: 41-42.

Analyzing the Blue Ribbon Commission Report. By Nancy J. Zacha. May/June 2012: 55-58.

Appeals Court: DOE Must Take Spent Fuel or Pay the Consequences. By Michael A. Bauser. Sept. 1996: 15-18.

Assessing Other Disposal Options. Spring 2015: 54-58.

Breaking Good: Study Examines Durability of Glass with Ties to Nuclear Waste Storage. By Eric Pierce, Wendy Shaw, Charity Plata, and Kristin Manke. Jan.-Apr. 2011: 42-46.

Breaking the High-Level Waste/Spent Fuel Logjam. A Perspective by Dade W. Moeller. May/June 2006: 18-20.

Business as Usual . . . Only More So. By Nancy J. Zacha. Nov./Dec. 2001: 9-14.

Calling in the Pool Guys: Decontamination of a Spent-Fuel Storage Pool. By K. A. Szlis, J. F. Jablonski, and A. m. Al-Daouk. July/Aug. 2002: 21-25.

Can DOE Canister Containment Be Maintained After Accidental Drop Events? A National Spent Nuclear Fuel Program Study. By Dana K. Morton, Spencer D. Snow, Tommy E. Rahl, Robert K. Blandford, and Thomas J. Hill. Sept./Oct. 2007: 51-56.

Cataloging Past Incidents in Transporting Spent Nuclear Fuel. By Kevin Connolly and Ronald Pope. Fall 2016: 36-39.

Centralized Interim Storage: Past, Present, and Future. By Steven P. Nesbit. Nov.-Dec. 2012: 14-23.

Characteristics of Commercial Spent Nuclear Fuel: Distributed, Diverse, and Changing with Time. By Joshua Peterson and John Wagner. Jan./Mar. 2014: 50-59.

Consent-Based Siting . . . and Other BRC Issues. By Nancy J. Zacha. May/June 2013: 44-46.

Consent-Based Siting: What Have We Learned? By Daniel Metlay. July/Aug. 2013: 28-36.

Cost-Saving Potential for Transport and Storage of Spent Nuclear Fuel Available from Burnup Credit. By William H. Lake. Sept. 1997: 35-36.

The Costs of Prolonging the Status Quo. By Kris Sanda. May 1997: 10-12.

Courts Say Take or Pay: Litigation Related to the U.S. Department of Energy's Failure to Accept Spent Nuclear Fuel. By Michael A. Bauser. July/Aug. 2000: 15-19.

Data Needs for Storage and Transportation of High-Burnup Fuel. By R. E. Einziger, C. L. Brown, G. P. Hornseth, and C. G. Interrante. Mar./Apr. 2005: 44-57.

Does Utility Spent Fuel Storage Affect Local Property Values? By William C. Metz, Tim Allison, and David E. Clark. May 1997: 27-33.

Draft Report from the Blue Ribbon Commission on America's Nuclear Future—Executive Summary. Sept./Oct. 2011: 46-55. Estimating Worker Collective Doses from a Revised Approach to Managing Commercial Used Nuclear Fuel. By Bethany Burkhardt, Steven Krahn, Allen Croff, and Andrew Sowder. Spring 2015: 40-48.

Evaluation of Direct Disposal of Spent Fuel in Existing Dual-Purpose Canisters. By E. L. Hardin, D. J. Clayton, R. L. Howard, J. Clarity, J. M. Scaglione, J. T. Carter, W. M. Nutt, and R. W. Clark. Jan./Mar. 2014: 26-39.

The Evolution of Spent-Fuel Waste Packages: Designing the Means to Permanently Dispose of U.S. High-Level Nuclear Waste. By Hugh Benton and Judy Connell. Mar./Apr. 2001: 34-42.

The Final Report of the Blue Ribbon Commission on America's Nuclear Future—January 2012: Executive Summary. May/June 2012: 45-54.

Fire in the Tunnel! A Study of Effects on a Spent Fuel Transportation Cask. By C. S. Bajwa. Mar./Apr. 2004: 26-29.

The First Integrated SNF Transshipment/Interim Storage Facility in Northwest Russia. By R S. Dyer, E. Banes, R. L. Snipes, and S. Hoibraten. July/Aug. 2005: 47-51.

A Forum on the MPC: The Independent Review Group's Comments on the MPC, by John A. Vincent; The Nuclear Waste Technical Review Board's View's on the MPC, by Dennis L. Price; The NRC Perspective on the MPC, by Robert M. Bernero; The MPC System Evaluation Report, Oct. 1994: 34-49.

From Pool to Pad at Zion. Spring 2015: 50-53.

GAO: Opening Yucca Mountain Cheaper than Storage Alternatives. Mar./Apr. 2010: 40-47.

Historic Testing Relevant to Disposal of Heat-Generating Waste in Salt. By Kristopher L. Kuhlman. Sept./Oct. 2013: 22-28.

Impact Analyses and Tests of a Metal Cask in the Event of an Aircraft Engine Crash. By Sanghoon Lee, Woo-Seok Choi, Ki-Young Kim, Je-Eon Jeon, and Ki-Seog Seo. Jan.-Apr. 2013: 86-92.

Integrating Storage, Transportation, and Disposal. By Nancy J. Zacha. July/Aug. 2013: 60-66.

International Collaboration and Continuous Improvement. By Nancy J. Zacha. May/June 2013: 48-53.

International Storage of Commercial Spent Fuel and High-Level Waste. By Alex. R. Burkart. Sept./Oct. 2002: 29-33.

It's Time for Radioactive Waste Disposal in Salt. By Ray Funderburk. May/June 2013: 54-56.

La Crosse Fuel Is Moved to an ISFSI. Nov./Dec. 2012: 24-27.

Lessons from Sergeant Schultz: The Honest Facts about Spent Fuel. By Commissioner Jeffrey S. Merrifield. July/Aug. 2006: 39-43.

MADness and Spent-Fuel Cask Safety. By Charles W. Pennington and Michael S. McGough. May/June 2002: 25-30.

Managing It Remotely: IAEA Review of Remote Technology in Spent-Fuel Management. By Jae Sol Lee. Mar./Apr. 2002: 24-29.

A New Entity to Manage Nuclear Fuel. By Nancy J. Zacha, Jan.-Apr. 2013: 70-75.

Occupational Radiation Dose Assessment for a Non-Site-Specific Spent-Fuel Storage Facility. By Jennifer Hadley and Robert G. Eble, Jr. Mar. 1998: 10-18.

Oh, Give Me A Home . . .: Spent-Fuel Dry Cask Storage Update. By Nancy J. Zacha. Jan./Feb. 2001: 48-50.

On-Site Dry Spent-Fuel Storage: Becoming More of a Reality. By Betsy Tompkins. Jan. 1994: 63-70.

The Owl Creek Energy Project—A Solution for Temporary Storage of Spent Fuel. By Ivan F. Stuart and Robert O. Anderson. Sept. 1998: 26-30.

Potential Cost Reduction in Used Nuclear Fuel Processing. By Jimmy T. Bell. Fall 2016: 40-42.

Predicting Stress Corrosion Cracking in the Canisters of Used Nuclear Fuel Dry Cask Storage Systems. By Sara Ferry, Ronald Ballinger, Isabel Crystal, Dominic Solis, and Bradley Black. Jan./Mar. 2014: 40-48.

Private Fuel Storage: Finding Real Solutions for Centralized Spent-Fuel Storage. By Scott Northard. Jan./ Feb. 2000: 35-39.

Private Offsite Spent Fuel Storage: A Report from the ANS Executive Conference. By Nancy J. Zacha. May/ June 2006: 49-54.

Postirradiation Fuel Assembly Dimensions for Transportation and Storage Cask Designs. By Douglas A. Williamson. Jan. 1994: 42-47.

A Regional Approach to HLW, Spent Fuel, and TRU Waste Disposal in New Mexico. By Christopher M. Timm. Sept./Oct. 2013: 29-34.

Regulating Dry Cask Storage. A *Radwaste Solutions* Interview with Susan Shankman and Randy Hall. July/Aug. 2000: 10-14.

Removing the K-Basins Fuel: Down Payment on Protecting the Columbia River. By Michele Gerber. Mar./Apr. 2001: 8-24.

Report of the American Nuclear Society President's Special Committee on Used Nuclear Fuel Management Options—Executive Summary. Sept./Oct. 2011: 56-58.

Russia to the Rescue? International Spent-Fuel Storage Options Discussed at the ANS Annual Meeting. By Nancy J. Zacha. July/Aug. 2002: 54-56.

Seismic Anchorage of Dry Storage Casks. By Joel E. Parks, Chris P. Pantelides, Luis Ibarra, and David Sanders. Spring 2016: 41-47.

Selecting and Applying an Automated Welding System. By Mario Lento. Nov./Dec. 2002: 18-20.

The Sludge Cleanout of Hanford's K Basins. By Michele Gerber. Jan./Feb. 2008: 20-31.

Solving the Spent Fuel Dilemma. By Nancy J. Zacha. Sept./Oct. 2012: 50-52.

Spent Fuel Disposal Success vs. Failure: A Comparison of the Swedish and U.S. Repository Programs. By Leif G. Eriksson. Jan./Feb. 2010: 22-30.

Spent Fuel Management at the Northern States Power Company. By John Closs and Lon Kress. May 1996: 25-29.

Spent Fuel Overpack Closure Welding: Parameter Development and Qualification. By G. R. Cannell and L. H. Goldmann. Jan./Feb. 2007: 25-30.

Spent Fuel Removal Concludes at Hanford's K Basins—Helping to Restore the Columbia River's Hanford Reach. By Michele S. Gerber. Jan./Feb. 2005: 10-22.

Spent-Fuel Storage: Rhetoric, But No Resolution. By Nancy J. Zacha. Sept./Oct. 2001: 54-56.

Spent Fuel Storage in a Post-Fukushima World. By Nancy J. Zacha. Jan./Apr. 2012: 16-22.

Status of the Multipurpose Canister Project. By J. Pat Hopper. Mar. 1996: 32-38.

Status of the U.S. Foreign Research Reactor Spent Nuclear Fuel Program. By Kenneth C. Chasey, Ibrahim H. Zeitoun, and Elizabeth Saris. May 1997: 14-19.

Strategy for the Management and Disposal of Used Nuclear Fuel and high-Level Radioactive Waste (January 2013). May/June 2013: 34-43. Take My Spent Fuel . . . Please! By Nancy J. Zacha. July/Aug. 1999: 58-59.

Thoughts on Spent Fuel Storage. By Gregory B. Jaczko. July/August 2008: 26-27.

Transport of Spent Fuel from Reactors to DOE Storage/Disposal Facilities<#209>A Parametric Study. By E. R. Johnson and P. M. Saverot. Sept. 1997: 27-30.

The Universal MPC System: The Evolution of NAC Spent-Fuel Technology. By Bill Lee and Doug Walker. Sept. 1997: 31-34.

Used Fuel Management at Hope Creek. Oct./Dec. 2014: 24-27.

Very Long Term Dry Fuel Storage . . . and Other Issues. By Nancy J. Zacha. Sept./Oct. 2011: 59-64.

What Now for Permanent Disposal of Used Nuclear Fuel and HLW in the United States? By Andrew Sowder, John Kessler, Mick Apted, and Matt Kozak. Jan./Apr. 2013: 26-39.

What We've heard: A Staff Summary of Major Themes in Testimony and Comments Received to Date by the Blue Ribbon Commission on America's Nuclear Future. May/June 2011: 51-58.

The Zaporozhye ISFSI. By David G. Marcelli and Tommy B. Smith. Jan./Feb. 2002: 28-32.

Stewardship

The 48-Hour Job. By Nancy J. Zacha. May/June 2012: 59-64.

From Test Site to Wildlife Refuge: Tatum Salt Dome Test Site Transferred to State. September-October 2011: 26-29.

Legacy Management at the Rocky Flats Site. By Bob Darr, John Boylan, Rick DiSalvo, George Squibb, Jody Nelson, and Scott Surovchak. Sept./Oct. 2010: 12-19.

Long-Term Stewardship—Part I: The Nature of the Problem. July/Aug. 2000: 35-44.

Long-Term Stewardship—Part II: Analysis and Planning. Sept./Oct. 2000: 34-42.

Revegetating Amchitka Island. By Mark Kautsky and Paul Darr. Jan./Feb. 2009: 25-29.

Trusts for Long-Term Stewardship at Decommissioned Nuclear Facilities. By Anthony J. Thompson and Christopher S. Pugsley. July/Aug. 2002: 45-49.

Technology Notes

Ceramicrete Radioactive Waste Forms—The New Kid on the Block. By Arun S. Wagh and Dileep Singh. Jan. 1998: 46-49.

First Simulation of PID Controller Helps Validate New Hazardous Waste Treatment Technique. May 1998: 35-37.

MICROBasix Dry Active Radioactive Waste Reduction System. By John B. Steward. July/Aug. 2001: 53-56.

Particle Detection: A New Mindset. By Alejandro U. Lopez, Michael R. Marcial, and Michael P. McDonald. July/Aug. 2009: 42-50.

Robotics and Virtual Reality System to Help Stabilize the Chernobyl-4 Reactor. May 1998: 39-40.

Simulating Pulse Jet Mixing in Nuclear Waste. By Brigette Rosendall. May/June 2008: 52-56.

Solucorp and BNL Tackle Mixed Radwaste Problems. May 1998: 41.

Synroc: Progress and Future Prospects. By Adam Jostsons. Mar./Apr. 2002: 58-62.

Well Simultaneously Samples Groundwater and Soil Vapor. May 1998: 38.

Technologies

Andros and Rosie and Other Friends to D&D Workers: Decommissioning Technologies that Improve Worker Safety. By Steven Bossart and Danielle Blair. Jan./Feb. 2002: 16-10.

Assessment of Technology Development Needs for Dismantlement and Decommissioning of Commercial Nuclear Power Reactor Sites. By Richard D. Reid. Fall 2015: 18-20.

Complex Problem, Simple Solution: Complex Waste Sorting Issue Solves with Simple Detector. By Todd A. Nelson. Sept./Oct. 2006: 51-55.

Here's the Dirt on Soil Assay at Plum Brook. By Alex Lopez. July/August 2010: 56-59.

Microwave In-Drum Drying: A New Volume-Reduction Process for Radioactive and Toxic Liquid Waste. By Christian Giessmann. Jan./Feb. 2007: 21-24.

Making Safety Work: Safety Enhancing Technologies and Practices at INEEL Decommissioning Projects. By Richard Meservey. Jan./Feb. 2002: 20-24.

New Technologies in the SRS "Toolbox." By David Yannitell. July/Aug. 2000: 28-34.

The PACT System: A Raadwaste Treatment Solution. By M. W. Shuey and D. W. Reaney. Jan./Feb. 2007: 11-15.

Science, Technology, and Workforce Innovations: Keys to a Successful D&D of Hanford's Plutonium Finishing Plant. By Stacy Charboneau, Andrea Hopkins, Bruce Klos, Robert Heineman, and Brian Skeels. Mar./Apr. 2007: 60-66.

A Whole Zoo of new Technologies: Innovative Waste Retrieval Technologies Advance Hanford's Environmental Protection Mission. By Mike Berriochoa. Jan./Feb. 2007: 16-20.

Training/Education

Fueling Up for the Long Haul: Training for Decommissioning. By Larry Boing. Jan./Feb. 2001: 25-27.

Growing Young Minds Through EM Site Tours. July/Aug. 2013: 56-58.

HAMMERing It Out: Training As Real As It Gets. By Jean McKenna, Karin Nickola, and Richard N. Smith. Jan./Feb. 2000: 8-12.

How to HAMMER Home Hazardous Materials Training. By June Ollero. Oct. 1994: 50-57.

The Electronic Teacher: Considerations for Implementation of a Computer-Based Training Program. By Mike Nolan. Nov./Dec. 2000: 16-20.

Transmutation

The Answer Is No: Does Transmutation of Spent Nuclear Fuel Produce More Hazardous Material Than It Destroys? By Holly R. Trellue. July/Aug. 2002: 40-44.

Transportation

An Aging Management Plan for Spent Fuel Dry Storage and Transportation. By Robert E. Einziger. July/ Aug. 2013: 38-45.

"And the Train Pulls Out from" Fernald's Waste Pits Cleanup. By Julie Loerch and Dave Lojek. Mar./ Apr. 2000: 32-37.

Assessment of Spent Nuclear Fuel Transport Accident Risk Using RADTRAN 5.5. By Eileen M. Supko and John H. Kessler. Jan./Feb. 2009: 19-24.

The Big Rock Vessel Goes to Barnwell. By Tim Petrosky. Jan./Feb. 2004: 15-19.

Big Wheels Keep on Rolling: The Transportation Side of WIPP. By Angela Johnson, Lynn Eaton, and Phil Gregory. May/June 2009: 54-59. Can DOE Canister Containment Be Maintained After Accidental Drop Events? A National Spent Nuclear Fuel Program Study. By Dana K. Morton, Spencer D. Snow, Tommy E. Rahl, Robert K. Blandford, and Thomas J. Hill. Sept./Oct. 2007: 51-56.

Cataloging Past Incidents in Transporting Spent Nuclear Fuel. By Kevin Connolly and Ronald Pope. Fall 2016: 36-39.

A Commentary on the 1995 DOT/NRC Amendments to the U.S. Nuclear Transportation Regulations. By Al Grella. July 1996: 31-34.

Communicating Safety Every Step of the Way: What We Have Learned from the Public. By Ann S. Bisconti. Sept. 1997: 20-21.

Compliance Concerns in the U.S. with the New DOT/NRC Shipping Regulations. By Clint Miller and Michael Wang. Sept. 1997: 10-12, 14.

Cost-Saving Potential for Transport and Storage of Spent Nuclear Fuel Available from Burnup Credit. By William H. Lake. Sept. 1997: 35-36.

Cruisin' Up the River: The Final Journey of the Trojan Reactor Vessel. Nov./Dec. 1999: 48-53.

D&D, Spent Fuel Transport Discussed at ANS Sessions. By Nancy J. Zacha. Sept./Oct. 2008: 52-54.

Data Needs for Storage and Transportation of High-Burnup Fuel. By R. E. Einziger, C. L. Brown, G. P. Hornseth, and C. G. Interrante. Mar./Apr. 2005: 44-57.

DOE/EPRI Spent Nuclear Fuel Dry Transfer System. By Mikal A. McKinnon, Leroy Steward, David C. Koelsch, Albert Machiels, and Dennis A. Brown. July 1998: 19-21.

DOE Strategic Plan for the Safe Transportation of Spent Nuclear Fuel and High-Level Radioactive Waste to Yucca Mountain. Mar./Apr. 2004: 18-24.

Engineering for Transportation and Disposal of Low-Level Radioactive Wastes in Japan. By Yutaka Suzuki, Yoshihiro Akagawa, and Hiroo Ohno. Oct. 1994: 64-70.

Fernald Cleanup Effort on the Move Again: K-65 Materials Shipped to WCS. Sept./Oct. 2005: 30-31.

Fire in the Tunnel! A Study of Effects on a Spent Fuel Transportation Cask. By C. S. Bajwa. Mar./Apr. 2004: 26-29.

Forty-Year-Old Reactive Mixed Waste from Historic Reactor Is Transported Without Mishap. By Charlie G. Dietz. July 1996: 35-37.

Full Burnup Credit in Transport and Storage Casks—Benefits and Implementation. By C. V. Parks, J. C. Wagner, D. E. Mueller, and I. C. Gauld. Mar./Apr. 2007: 32-41.

IAEA Compatibility Regulations Overview. By Charles H. Smith. Apr. 1994: 62-65.

Innovative Approaches to Rail Transport of Radioactive Waste. By Gene Gleason. May/June 2004: 34-39.

The Journey of the MCL Trader: Ship Modification for Spent Fuel Transport. By Michael Tyacke, Igot Bolshinsky, Wlodzimierz Tomczak, Sergey Nalatov, and Oleg Pichugin. July/Aug. 2011: 46-58.

Just How Risky Is It? Comparisons of the Risks of Transporting Radioactive Waste. By Earl P. Easton and Christopher S. Bajwa. Jan.-Apr. 2011: 64-72.

La Crosse BWR Reactor Vessel Shipped to Barnwell. Sept./Oct. 2007: 30-32.

Logistics Case Study for Shipping Used Nuclear Fuel from Shutdown Reactor Sites. By E. A. Kalinina, I. K. Busch, P. E. McConnell, and S. J. Maheras. Sept./ Oct. 2013: 35-42.

Low-Level Radioactive Waste Transportation Safety History. By James D. McClure. Sept. 1997: 22-25.

Midwestern Radioactive Materials Transportation Project. May/June 2006: 21-22.

The National Transportation Program and Three-Tier Planning. By Kelvin J. Kelkenberg, Paul T. Dickman, Judith A. Holm, and Glenda E. Oakley. Sept. 1998: 15-19.

Old Rail Spur Reactivated: Railroad Moved Radioactive Materials from San Onofre. By. David Gilson. Mar./Apr. 2005: 20-26.

Postirradiation Fuel Assembly Dimensions for Transportation and Storage Cask Designs. By Douglas A. Williamson. Jan. 1994: 42-47.

The Potential Impact of Using TAD Canisters on Yucca Mountain Preclosure Operations. By Leah Spradley, Mark. Abkowitz, and James H. Clark. Mar./Apr. 2009: 56-62.

Radioactive and Hazardous Materials Transportation Risk Assessment Using a Geographic Information System. By John E. Moore, Gary M. Sandquist, and David M. Slaughter. Jan. 1994: 75-76, 78.

Returning HEU Fuel From the Czech Republic to Russia. By Michael Tyacke and Igor Bolshinsky. Sept./Oct. 2009: 39-50.

Railroads 101: A Primer—Everything You Ever Wanted to Know about Railroads. By Gene Gleason. Mar./Apr. 2005: 10-18.

Risk Assessments for Transporting Radioactive Material within Idaho. By Cindy Deng, Steven Oberg, Jerry Downs, Douglas Wells, and Venna Murray. July 1996: 23-26.

Safe from Start to Finish: The 1100-Mile Journey of the Yankee Rowe Reactor Pressure Vessel. By Leo Lessard. Mar./Apr. 2000: 44-49.

Shielded Payload Containers for WIPP Remote-Handled Waste. By Roger A. Nelson and D. Sean White. Mar./Apr. 2009: 64-72

Shipping Saxton's Large Components. By James E. Hildebrand. Sept./Oct. 1999: 63-65.

Shipping Spent Nuclear Fuel from the Czech Republic's NRI to the Russian Federation for Reprocessing. By Josef Podlaha. Mar./Apr. 2010: 48-62.

Shipping TRU Waste in Today's Regulatory Climate. By Wesley G. Estill and David L. Langley. Sept. 1998: 8-10, 12-14.

The Shoreham to Limerick Fuel Transfer Project. By Rich Wolters, Kevin Theriault, and Bob Jones. Oct. 1994: 19-26.

SMAC on the Track or on the Road: New Intermodal Containers for LLW. By Scott Dempsey. May/June 2005: 27-28.

Smooth Shipping: Mitigating and Avoiding Conflict in Shipping Radioactive Waste. By Ellen L. Watson. Mar./Apr. 1999: 33-38.

Transport of Spent Fuel from Reactors to DOE Storage/Disposal Facilities—A Parametric Study. By E. R. Johnson and P. M. Saverot. Sept. 1997: 27-30.

Transport of Spent Nuclear Fuel from the High Flux Beam Reactor. By Michael Holland, Joseph Carelli, and Thomas Shelton. Jan. 1998: 41-45.

Transportation Cooperation: Involving Corridor States in Decision Making Contributes to the Success of the DOE's Transportation Program. By Lisa R. Sattler. Mar./Apr. 2004: 13-17.

Transportation of Radioactive Materials Is Environmentally Benign—Let's Quit Analyzing It to Death. By L. G. Blalock and L. H. Harmon. July 1996: 38-41.

Transporting Large Volumes of Residual Radioactive Material: FUSRAP Solutions. By Tammy Pressnell, Preston McDaniel, and Jason Darby. Sept. 1997: 15-19.

Transporting the Moab Uranium Mill Tailings to White Mesa Mill by Slurry Pipeline. By Ron F. Hochstein, Rod Warner, and Terry V. Wetz. Mar./Apr. 2004: 30-37. The U Is Outta Here! July/Aug. 2002: 50-53.

The Universal MPC System: The Evolution of NAC Spent-Fuel Technology. By Bill Lee and Doug Walker. Sept. 1997: 31-34.

Waste Maximization: Economical Use of Railroad Transport. By Kenneth M. Grumski. Nov./Dec. 2001: 16-20.

Waste Not, Spend Not: The PUREX Radioactive Nitric Acid Shipping Campaign. By H. R. Penn, W. G. Jasen, and R. A. Duncan. July 1996: 16-22.

Why the DOE's Messages on Transportation Don't Resonate with the Pubic (and What the DOE Can Do to Fix the Problem). By Lisa R. Janairo and Ken Niles. Jan./Feb. 2009: 8-18.

U.S. Department of Energy

General

Andros and Rosie and Other Friends to D&D Workers: Decommissioning Technologies that Improve Worker Safety. By Steven Bossart and Danielle Blair. Jan./Feb. 2002: 16-10.

Back to the Future: A Rationalized Rock Salt Repository. By Leif G. Eriksson and George E. Dials. Jan.-Apr. 2011: 24-34.

Bored Board? Membership and Motivation in Site-Specific Advisory Boards. By Richard G. Telfer. Jan./Feb. 2000: 30-34.

The Characterization, Monitoring, and Sensor Technology Crosscutting Program. By Jerry J. Lorenz. May/June 2001: 38-43.

Communicating Performance Assessment Results. By Mark Layton. Jan./Mar. 2014: 70-73.

The Contract Reform Initiative at the U.S. Department of Energy. By Jerry L. Bellows. Nov. 1995: 22-26.

Courts Say Take or Pay: Litigation Related to the U.S. Department of Energy's Failure to Accept Spent Nuclear Fuel. By Michael A. Bauser. July/Aug. 2000: 15-19.

The D&D Focus Area: Bringing New Technologies to the D&D Toolbox. By William Lupichuk. Mar./Apr. 2001: 43-47.

Deactivation and Decommissioning Knowledge Management: A Partnership Among the DOE, Contractors, and Academia. By Himanshu Upadhyay and Leonel Lagos. Sept./Oct. 2012: 46-49.

The DC Plasma-Arc Furnace: A High-Temperature Solution to Waste Treatment. By Ronald W. Goles, William F. Bonner, and Whitney D. St. Michel. Jan./ Feb. 2000: 40-43.

DOE Cleanup Programs Pushing toward Closure— And Other Radwaste Updates. By Nancy J. Zacha. May/June 2005: 51-54.

DOE's Decommissioning Policy and Framework. By Stephen Warren, Jann Buller, and Tracie Gross. Mar. 1996: 82-88.

DOE Reclamation Work at the Moab Site. Sept./Oct. 2012: 34-39.

Emerging Technologies for Environmental Characterization and Monitoring. By Paul W. Wang, Caroline B. Purdy, and Eric M. Lightner. Nov. 1996: 27-34.

Growing Young Minds Through EM Site Tours. July/Aug. 2013: 56-58.

An Industry Response to Recycle 2000. By Gerald P. Motl and Val Loiselle. Mar. 1996: 59-63.

Managing the DOE's Weapons Program Legacy: The Role of the Efficient Separations and Processing Crosscutting Program in S&P Initiatives. By Alexander Livnat. July/Aug. 2001: 35-41. The Nuclear Materials Focus Area: Meeting End-User Needs through Technology Development and Deployment. By Elizabeth Thiel. Sept./Oct. 2001: 40-46.

Nuclear Waste and Radioactive Cleanup: An Issue that Won't Stay Buried. By Don Mausshardt. May 1996: 39-43.

The Old Rifle Snowmaking Experience. July/Sept. 2014: 24-25.

On the Lookout for Subsurface Solutions: The DOE's Subsurface Contaminants Focus Area. By Virginia Kay. Nov./Dec. 2000: 26-30.

Revegetating Amchitka Island. By Mark Kautsky and Paul Darr. Jan./Feb. 2009: 25-29

The Risk of CERCLA Liability Associated with DOE-Generated Scrap Metal. By J. Michael Sowinski Jr. Mar./Apr. 2001: 48-55.

Status of the U.S. Foreign Research Reactor Spent Nuclear Fuel Program. By Kenneth C. Chasey, Ibrahim H. Zeitoun, and Elizabeth Saris. May 1997: 14-19.

Strategy for the Management and Disposal of Used Nuclear Fuel and high-Level Radioactive Waste (January 2013). May/June 2013: 34-43.

A Team of Seven—The Tanks Focus Area: Providing Technical Solutions for Cleaning up the DOE's Radioactive Tank Wastes. By Wayne Cosby. Sept./Oct. 2000: 43-49.

Transition to Private Ownership: Lessons Learned during the Grand Juction Office Site Transfer. By Donna Bergman-Tabbert and Tracy B. Plessinger. Mar./Apr. 2002: 36-43.

The TRU and Mixed Waste Focus Area: Bridging the Gap between Waste Inventory and Disposal Methodologies. By Jodi Townsend. Jan./Feb. 2001: 20-24.

Waste Management Policy Development from the AEC to the DOE. By James E. Dieckhoner. Mar. 1996: 48-54.

Who's Who at the Nuclear Waste Technical Review Board. By Nancy J. Zacha. Jan./Feb. 2005: 23-28.

Argonne

Fueling Up for the Long Haul: Training for Decommissioning. By Larry Boing. Jan./Feb. 2001: 25-27.

Getting It Right At Weldon Spring. By Margaret MacDonell, Mary Picel, and John Peterson. Nov. 1996: 12-18.

A Glitch Caught in Time Saves . . .: Lessons Learned During Reactor D&D at Argonne National Laboratory. By Charles R. Fellhauer. Jan./Feb. 2000: 22-29.

Putting Plants to Work: The ANL-West Phytoremediation First-Year Field Season Demonstration. By Scott Lee. May/June 2000: 49-54.

Brookhaven

Team Completes Dismantlement and Layup of Two Brookhaven Reactors. By Fran Poda. Sept./Oct. 2010: 44-50.

Fernald

"And the Train Pulls Out from" Fernald's Waste Pits Cleanup. By Julie Loerch and Dave Lojek. Mar./ Apr. 2000: 32-37.

Breaking the Mold: FERMCO and the DOE Embrace Contract Reform. By Jeffrey Ritchie. Nov. 1995: 27-30.

Changing Public Participation at Fernald: Not an Easy (or Popular) Task. By Jeff Wagner. Mar./Apr. 2007: 54-58.

Cleaning Up and Closing Down the Fernald Site. By Michele Gerber. July/Aug. 2006: 16-29.

DOE Pursuing Accelerated Cleanup at Fernald. By Terry Borgman. Jan. 1996: 42-44.

Changing the Fernald Skyline: The Demolition of the Site's Production-Era Water Tower. Nov./Dec. 2003: 36-41.

Ecological Restoration with Native Grasses and Forbs: The Fernald Preserve and Weldon Spring Restoration Projects. By Jane Powell, Frank Johnston, John Homer, and Yvonne Deyo. July/August 2008: 12-18.

Environmental Restoration: Fernald Ecologists and Engineers Integrate Restoration and Cleanup. By Eric Woods and John Homer. Sept./Oct. 2002: 12-19.

A Farewell at Fernald. By Nancy J. Zacha. May/June 2007: 26-30.

Fernald Cleanup Effort on the Move Again: K-65 Materials Shipped to WCS. Sept./Oct. 2005: 30-31.

Fernald Scrap Metal Recycling and Beneficial Reuse. By Gerald P. Motl and Daniel D. Burns. Jan. 1994: 50-55.

Fernald's New Enriched Uranium Repackaging Station. Nov./Dec. 2001: 28-31.

Full Speed Ahead at Fernald. By Kathy Graham. Mar./Apr. 1999: 26-32.

Groundwater Re-injection at Fernald: Its Role in Accelerating the Aquifer Remedy. By Kenneth A. Broberg and Robert Janke. Sept./Oct. 2000: 19-23.

Now There Are None: The Last Uranium Production Building at Fernald Has Been Toppled, the Culmination of a 10-Year Demolition Project. By Jeffrey Wagner. July/Aug. 2004: 24-28.

A Project for the Birds: The Habitat Area Project at Fernald. By Eric Woods and Gary Stegner. Jan./Feb. 1999: 35-36.

Redistributing Fernald's Government Assets. By Deborah Dunn. Sept./Oct. 2007: 34-39.

Three Years and Thirty-Three Thousand Truckloads: Fernald Eliminates Groundwater Contamination Source. Mar./Apr. 2002: 44-47.

The U Is Outta Here! July/Aug. 2002: 50-53.

Visitors Flock to the Remediated Fernald Preserve. By Gary Stegner and Stacey Elza. Sept./Oct. 2010: 28-35.

Wetland Mitigation at the Fernald Preserve. By Jane Powell and John Homer. Sept./Oct. 2013: 14-16.

Wetlands Restoration at Fernald: Reconstructing Natural History with Ecological Restoration Principles. By Craig Straub. Sept./Oct. 1999: 9-13.

Hanford

15 Million Miles and Counting. July/August 2010: 60-62.

3-D Imaging Gives Hanford Scientists a Better View of Waste Plumes. By Michael V. Berriochoa. Mar./ Apr. 2010: 14-22.

309 Building Demolition at Hanford. May/June 2011: 48-50.

55-Inch Hole Safely Cut into the Dome of Hanford's Tank C-107. Jan.-Apr. 2011: 48-53.

Advancing Worker Safety at Hanford's Tank Farms. By Mike Berriochoa. May/June 2006: 23-27.

The Arm from MARS. Jan.-Apr. 2012: 52-53.

Bats, Owls, and Cocoons: Hanford's F Reactor Interim Storage Project Complete. Mar./Apr. 2004: 48-50.

Battling Groundwater Contamination at Hanford. By Michele Gerber. Sept./Oct. 2006: 17-28.

Beginning the Cocooning Process at Hanford's N Reactor. July/Aug. 2009: 38-41.

CH2M Hill Turns Safety Around at Hanford. By Mike Berriochoa. July/August 2008: 32-39.

Characterizing Solids in Residual Wastes from Single-Shell Tanks at the Hanford Site. By Kenneth M. Krupka, Kirk J. Cantrell, H. Todd Schaef, Bruce W. Arey, Steve M. Heald, William J. Deutsch, and Michael J. Lindberg. Mar./Apr. 2010: 64-75.

Cleaning Up Hanford: The Environmental Research Project. By Linda K. McClain and Joseph F. Nemec. Nov. 1996: 36-41.

Cocooning Hanford's N reactor-And Other River Corridor Closure Activities. By Mark McKenna. Sept./Oct. 2012: 24-32.

The "Cocooning" of C Reactor: A Hanford Success Story. By John Crigler. Sept./Oct. 1999: 29-31.

Comparing Hanford and Savannah River Site Tank Wastes. By R. C. Philip Hill, Jacob G. Reynolds, and Paul L. Rutland. Jan.-Apr. 2012: 32-36.

Complex Problem, Simple Solution: Complex Waste Sorting Issue Solves with Simple Detector. By Todd A. Nelson. Sept./Oct. 2006: 51-55.

Construction Progress at Hanford's Waste Treatment Plant. Sept./Oct. 2009: 32-35.

Creating a Desert Oasis: Hanford Gravel Pit Converted to Wetland. By Todd Nelson. Jan./Feb. 2001: 28-29.

D&D of the Plutonium Finishing Plant. By Tim Gregoire. Oct./Dec. 2014: 16-19.

Dedicated to Cleanup: Environmental Remediation at Hanford. By Todd A. Nelson. July/Aug. 2001: 17-23.

Drum Integrity Assessment at Hanford. By Gary Cannell and Walter Josephson. July/Aug. 2005: 22-27.

Enhanced "Interrogation" Techniques: Soil Contamination Imaging at Hanford. By Mike Berriochoa. Sept./Oct. 2011: 21-25.

Environmental Remediation of Hanford's River Corridor. By Todd Nelson. Sept./Oct. 2009: 12-16.

Everything Old Is New Again. By Michael V. Berriochoa. Jan.-Apr. 2011: 36-40.

Everything You Ever Wanted to Know about the Hanford Waste Tanks. By Elizabeth Heaston, Jim Poppiti, Herb Sutter, Dan Knutson, and Maureen Hunemuller. Nov./Dec. 1999: 27-34.

The Evolution in Hanford Tank Waste Sampling Technologies. By John Britton. Jan./Feb. 2009: 32-36.

First Double-Shell Tank Leak Discovered at Hanford. By Rob Roxburgh and John Britton. Jan.-Apr. 2013: 40-42.

Flux-Based Evaluation of Perched Water in the Deep Vadose Zone at the Hanford Site. By Michael Truex and Mart Oostrom. Spring 2015: 60-64.

Focus on Waste Retrieval Continues at Hanford Tank Farms. July/August 2010: 44-47.

Foundation Pouring Begins for Hanford Vit Plant. Sept./Oct. 2002: 49.

Getting to Clean Groundwater. July/Sept. 2014: 18-23.

Gimme Shelter! An "Out-of-the-Box Structure Helps a Hanford Cleanup Project. By Tod Burrington. Sept./Oct. 2007: 47-50.

The Good, the Bad, and the Money; Or, What's Right and Wrong with Privatization. By Nancy J. Zacha. Jan./Feb. 1999: 38-40.

HAMMERing It Out: Training As Real As It Gets. By Jean McKenna, Karin Nickola, and Richard N. Smith. Jan./Feb. 2000: 8-12.

Hanford Bulk Vitrification Technology Status. By Keith S. Witwer, E. J. Dysland, L. M. Bagaasen, S. Schlahta, D-S. Kim, M. J. Schweiger, and P. Hrma. March/April 2008: 42-54. Hanford: Evolution of a Dinosaur. By John Fulton. Nov. 1995: 31-35.

Hanford Environmental Restoration Disposal Facility: An Operation and Privatization Success. By Joel A. Eacker and Vernon Dronen. July 1998: 32-37.

Hanford Groundwater Contamination Areas Shrink as EM Exceeds Cleanup Goals. Sept./Oct. 2013: 20-21.

Hanford Pu Process Vessels out the Door—A Year Ahead of Schedule. By Todd Nelson. July/Aug. 2002: 30-33.

Hanford Scores Another Successful Open-Air Demolition: 232-Z Plutonium Incinerator Facility Demolished in July. By Michele Gerber. Jan./Feb. 2007: 31-39.

Hanford's C Reactor Large-Scale Demonstration Project. By James D. Goodenough and Jeremiah J. McGuire. Mar. 1997: 31-35.

Hanford's Latest Achievements: Mixer Pump and New Long-Term Waste Treatment Plans. By Harry D. Harmon and Marilyn C. Druby. Jan. 1994: 36-41.

Hanford's Tank C-106 Project: The First of Many. By Ed Aromi. Sept./Oct. 2004: 24-30.

How to HAMMER Home Hazardous Materials Training. By June Ollero. Oct. 1994: 50-57.

Improving Efficiency with 3-D Imaging: Technology Essential in Removing Plutonium Processing Equipment from Plutonium Finishing Plant Gloveboxes. By Stephen Crow, Richard Kyle, and Michael Minette. Sept./Oct. 2008: 26-31.

In Situ Redox Manipulation: Fierce Energy of Groundwater VOCs and Heavy Metals. By Mary H. Ace. July/Aug. 2001: 24-27.

Integrated Demonstrations Provide Quick Solutions to Problems of Defense Waste. By Ronald C. Eschenbaum and Felicia R. La Barge. July 1994: 52-56.

K East Reactor Basin Gone for Good. Jan./Feb. 2010: 38-41.

Konan to the Rescue. By Rick Shen, Eric Gerber, and Judith Graybeal. Mar./Apr. 1999: 7-14.

Like a Box of Chocolates? At the Hanford Burial Grounds, You Never Know What You're Gonna Get. By Laurie Campbell and Ken Powers. Mar./Apr. 2005: 28-34.

More Hanford Firsts: Demolition of a Hanford Plutonium Facility. By Geoff Tyree, Tom Orgill, Jeff Riddelle, and Andrea Harper. July/Aug. 2004: 11-14.

Multiple Waste Retrievals at Hanford's C Tank Farm. Sept./Oct. 2012: 40-45.

Pictures of a Suspect-TRU Retrieval. By Rodney R. Gadd. July/Aug. 2007: 34-38.

Pit Viper Strikes at the Hanford Site: Pit Maintenance Using Robotics at the Hanford Tank Farms. By Lynne Roeder-Smith. May/June 2002: 33-39.

Preventing Groundwater Contamination from Early Operations at Hanford's Waste Treatment Plant. By Ben Unterreiner, Tom Crawford, and Fred Mann. Sept./Oct. 2008: 36-43.

Putting Bulk Vitrification to the Test: Stage Set for Full-Scale Testing at Hanford's Tank Farms. By Mike Berriochoa. Mar./Apr. 2005: 58-61.

Radiofrequency Technology Tracks Mixer Efficiency. By Brenda Pittsley. Jan./Feb. 2006: 36-38.

Reducing the Risk of Hanford's Legacy: Completing Cleanup at the Last Big Liquid Waste Site near the Columbia River. Sept./Oct. 2006: 29-31.

Removing Hanford's Environmental Contaminants. Spring 2016: 60-63.

Removing the K-Basins Fuel: Down Payment on Protecting the Columbia River. By Michele Gerber. Mar./Apr. 2001: 8-24. Rethinking the Disposition of Hanford Tank Wastes: A Perspective. By Frank L. Parker, Donald E. Clark, and Nabil Morcos. Nov./Dec. 2001: 35-39.

A Road Map to Cleanup Success: Hanford's Groundwater/Vadose Zone Integration Project. By Steven P. Sautter and Geoffrey L. Harvey. May/June 2001: 31-35.

Robotic Arm to Speed Hanford Tank Waste Removal. By Mike Berriochoa. Jan./Feb. 2010: 31-33.

Robotics Down on the (Tank) Farm. By Michele Gerber. Mar./Apr. 1999: 21-25.

Saving Millions by Saving Time. By Jean McKenna. Jan./Feb. 1999: 31-34.

Science, Technology, and Workforce Innovations: Keys to a Successful D&D of Hanford's Plutonium Finishing Plant. By Stacy Charboneau, Andrea Hopkins, Bruce Klos, Robert Heineman, and Brian Skeels. Mar./Apr. 2007: 60-66.

Six Science Secrets of the Subsurface. By Kristin Manke and Julie Wiley. Mar./Apr. 2010: 30-35.

The Sludge Cleanout of Hanford's K Basins. By Michele Gerber. Jan./Feb. 2008: 20-31.

Small Business Tackles BIG Challenge: Hanford Contracts with Small Businesses on D&D Projects. By Ken Powers and Mark Lesinski. Sept./Oct. 2004: 36-40.

Spent Fuel Overpack Closure Welding: Parameter Development and Qualification. By G. R. Cannell and L. H. Goldmann. Jan./Feb. 2007: 25-30.

Spent Fuel Removal Concludes at Hanford's K Basins—Helping to Restore the Columbia River's Hanford Reach. By Michele S. Gerber. Jan./Feb. 2005: 10-22.

The Strontium Garden: Cleanup of One of Hanford F Area's Last Research Stations. By Todd Nelson. Sept./ Oct. 2002: 20.

Summertime Forecast: Major Upgrades and Process improvements at Hanford's ERDF. By Todd A. Nelson. July/August 2008: 19-25.

Tackling the Central Plateau: The Final Frontier at Hanford. By Michele S. Gerber. May/June 2008: 26-38.

Targeting Chromium in Hanford's 100-D Area. By Scott W. Petersen, John G. Morse, K. Michael Thompson, and M. J. Tonkin. Jan.-Apr. 2011: 74-81.

Technical and Policy Challenges in Deep Vadose Zone Remediation of Metals and Radionuclides. By Dawn M. Wellman, Michael J. Truex, Mark Freshley, P. Evan Dresel, and Kirk J. Cantrell. Jan.-Apr. 2013: 76-84.

Test Reactor, Waste Vault Removed From River Corridor. By Tim Gregoire. Apr./June 2014: 22-28.

Testing, Testing . . .: Simple Technology Improves Groundwater Monitoring along the Columbia River. By Judy Graybeal. May/June 2006: 28-33.

T(h)anks for the Technology. By Mike Berriochoa. July/Aug. 2005: 18-21.

Turning the Corner at Hanford: Hanford Plutonium Finishing Plant Completes Plutonium Stabilization; Key Safety Issues Closed. By Michele Gerber. May/ June 2004: 18-27.

The Ultimate Hanford Challenge. By Mike Berriochoa. May 1996: 18-24.

Vitrifying the Hanford Tank Wastes: New Team, New Vision, New Energy. By Sue Kuntz. May/June 2001: 26-30.

A Whole Zoo of new Technologies: Innovative Waste Retrieval Technologies Advance Hanford's Environmental Protection Mission. By Mike Berriochoa. Jan./Feb. 2007: 16-20. Wireless Technology Advances Hanford Cleanup Safety. By Mike Berriochoa. March/April 2008: 36-40.

Work at the DOE's Largest Closure Site Is 75 Percent Complete. By Todd Nelson. May/June 2011: 37-47.

The World's Largest Construction Project: Designing and Constructing Hanford's Waste Treatment Plant. By Garth M. Duncan. Sept./Oct. 2005: 14-22.

WRAPping It Up at Hanford. By Bryan Kidder and Mark French. Mar./Apr. 1999: 15-19.

INL

Getting the Lead Out: Recycling and Decontamination at the INEL. By Erik A. Simpson. July 1994: 49-51.

Helping HANDSS for Sorting Waste. By Reuel Smith. Nov./Dec. 2002: 47-52.

Innovative Technique Accelerates Waste Disposal at Idaho Site. July/Aug. 2013: 52-54.

In Situ Buried Waste Stabilization Technologies at INEEL. By Guy G. Loomis, Richard K. Farnsworth, and Jim J. Jessmore. July 1998: 38-43.

Journey to the Center of the . . . Vadose Zone. By Mary Beckman. July/Aug. 1999: 55-27.

Making Safety Work: Safety-Enhancing Technologies and Practices at INEEL Decommissioning Projects. By Richard Meservey. Jan./Feb. 2002: 20-24.

Monitored Natural Attenuation for an Aerobic TCE Plume. By Ryan A Wymore, Lance N. Peterson, Lee O. Nelson, and Kent S. Sorenson Jr. Mar./Apr. 2006: 50-57.

Nuclear Waste Takes a TRIP: Electronic Signature Technology to Revolutionize Document Tracking. By Ben Groeneveld. Sept. 1998: 20-21.

Performance Test of a Gamma/Neutron Mapper on TRU Waste Drums. By Robert J. Gehrke and Nicholas E. Josten. May 1996: 48-53.

Saving D&D \$\$\$: New D&D Technologies at the INEEL. By Julia Tripp, Richard H. Meservey, and Ann-Marie Phillips. Nov./Dec. 2000: 36-41.

Taking Aim at Unique Wastes: INEEL's Waste Elimination Team is Finding Solutions. Jan./Feb. 2002: 25-27.

Los Alamos

Environmental Recovery at Los Alamos. Spring 2015: 66-68.

It Takes a Team: The Omega West Reactor D&D. By Stephen F. Mee, Keith R. Rendell, Martin J. Peifer, John A. Gallagos, and Joe B. Stringer. Mar./Apr. 2004: 52-60.

Keeping Our WITS About Us: LANL's Cradle-to-Grave Waste Tracking System. By Ed Lorusso. Sept./ Oct. 2002: 38-39.

Mound

⊗ANS

Leading the Way in Community Transfer: The Economic Development and Commercialization of Mound. By Dottie Atkins. Nov./Dec. 2000: 42-45.

Remote Sight to Monitor Mound Site: Applying Machine Visions for Long-Term Stewardship. By David Reichhardt and Andrea T. Hart. Jan./Feb. 2005: 29-33.

Nevada National Security Site (Nevada Test Site)

Air Classification Methods at the Nevada Test Site. By Mark J. Harper, Martin E. Nelson, and Andrew D. Buckon. Oct. 1994: 28-32. The Case of the Transuranic-Loving Squirrels: The Decontamination of the XF-90A. By James Seals. Nov./Dec. 2004: 41-45.

The Changing Adventures of Mixed Low-Level Waste Disposal at the Nevada Test Site. By G. L. Pyles, J. T. Carilli, S. K. Krenzien, and J. K. Wrapp. Mar./ Apr. 2008: 56-65.

D&D at the Nevada Test Site: Facility History, Regulatory Framework, and Lessons Learned. By Jerel G. Nelson and Michael R. Kruzic. May/June 2005: 33-40.

Innovative Technique Accelerates Waste Disposal at Idaho Site. July/Aug. 2013: 52-54.

A New Role for the Nevada Test Site. By Richard G. Telfer. Mar./Apr. 2002: 48-53.

NNSS Waste Disposal Proves Vital Resource for DOE Complex. By Angela Ramsey. Jan.-Apr. 2013: 50-57.

Oak Ridge

The Best Kind of Recycling: Building 7602 at ORNL. By Angie Brill, James Berger, Andy Kelsey, and Ken Plummer. July/Aug. 2002: 12-20.

Decontaminating 30 Million Square Feet. By Anne Smith. Nov./Dec. 2004: 28-33.

Defueling the ORNL Molten Salt Reactor Experiment Facility. By Michael R. Jugan, Andrew P. Kelsey, Mahmoud H. Haghighi, and E. Paul Larson. Nov./Dec. 1999: 35-39.

Disposing of Oak Ridge's U-233. By Tim Gregoire. Spring 2015: 34-38.

Getting Remediation Done at ORNL. By Malinda Conger, Amy Harkey, Ken Schneider, and Dirk Van Hoesen. Sept./Oct. 2011: 15-20.

Getting to Clean Groundwater. July/Sept. 2014: 18-23.

Isotopes Facilities Deactivation Project at ORNL. By Robert E. Eversole. Nov. 1997: 49-57.

K-25 Challenges Met. By Fran Smith. July/Aug. 2013: 16-23.

Low Tech Meeting High Tech: Remediating Two Basins Containing Radioactive Sludge at ORNL. By Angie Brill, Elizabeth Krispin, Lynn Whitehead, and John Julius. July/Aug. 2001: 11-16.

New Life for an Old Lab: Commercializing a DOE Laboratory. By Barry A. Stephenson. Mar./Apr. 2009: 30-37.

Oak Ridge Day at Waste Management 2012. By Nancy J. Zacha. May/June 2012: 23-28.

Radwaste Source Control By Surgical Strike—A Cost-Effective Strategy. By Dale D. Huff, John D. Long, and Alex A. M. C. Naudts. Nov. 1996: 20-26.

A Remotely Operated Tank Waste Retrieval System for ORNL. By B. L. Burks, D. D. Falter, R. L. Glassell, S. D. Van Hoesen, M. A. Johnson, P. D. Lloyd, and J. D. Randolph. Mar. 1997: 10-16.

Robotic System Cleans Underground Storage Tank at Oak Ridge. By S. Dirk Van Hoesen, Cavanaugh S. Mims, and Barry L. Burks. Mar. 1998: 55-61.

Sheer Grit: ARRA Transforms Y-12. By Gail Powell. July/Aug. 2011: 22-31.

Stream Reconstruction: Designing for Natural Stream Stability. By Robert Spurling and Jason Darby. Sept./Oct. 1999: 15-21.

Technology and Teamwork Equal Empty Tanks. By Belinda Schwart and Karen Billingsley. Sept. 1998: 22-25.

Working Toward a New Beginning: Using Innovative Methods at ETTP to Clean Up the Manhattan Project Legacy. By Wayne McKinney. May/June 2012: 17-22. Y-12's Mercury Problem. By Nancy J. Zacha. Jan.-Apr. 2013: 62-63.

Paducah

The End of Drum Mountain. Nov./Dec. 2000: 34-35.

Getting to Clean Groundwater. July/Sept. 2014: 18-23.

How Should We Clean Up the Water? Groundwater Remediation Plans at the Paducah Gaseous Diffusion Plant. By Gary Bodenstein and Mark Gage. Sept./Oct. 2000: 24-29.

A Snapshot of Paducah Remediation and Cleanup. By Dennis Ferrigno, Joe Tarantino, and Reinhard Knerr. Sept./Oct. 2010: 36-43.

Portsmouth Gaseous Diffusion Plant

DOE, Fluor-B&W Portsmouth Clear Way for D&D in Piketon. By Julie Doering. Jan.-Apr. 2012: 58-63.

Navigating a Year of Decisions in Piketon. By Julie Doering. May/June 2012: 13-16.

A "Poplar" Solution to Groundwater Contamination: Phytoremediation at the Portsmouth Gaseous Diffusion Plant. By Amy C. Lewis, Del R. Baird, and Scott Burton. Sept./Oct. 2004: 15-19.

The "Poplar Solution: How's It Working? A Radwaste Solutions Followup. By Amy C. Lewis and Del R. Baird. Sept./Oct. 2005: 34-37.

Rocky Flats

And the Walls Came Tumbling Down ... Rocky Flats Building 779 Closure Project. By Mark Zachary, Kelly Trice, and Tom Dieter. Sept./Oct. 2000: 56-64.

Cleaning Up Trench 1 at Rocky Flats. Sept./Oct. 1999: 38-41.

Closing the Most Dangerous Building in America. By Greg Meyer and Doug Hamrick. Sept./Oct. 1999: 43-48.

Decontamination of Radioactive Concrete: A Permanent Solution That's RCRA Friendly. By Michael Simmons. Jan. 1994: 25-29.

Eyes on the Numbers: A Report on Spectrum '98. By Nancy J. Zacha. Nov./Dec. 1998: 47-52.

From Collaboration to Compliance to Campaign Completion: Lessons Learned from the Rocky Flats TRU Shipping Campaign. By Gerald O'Leary and William Badger. May/June 2009: 60-65.

In-Process Characterization is a SNAP at Rocky Flats. By William R. Salazar. July/Aug. 2004: 15-23.

Legacy Management at the Rocky Flats Site. By Bob Darr, John Boylan, Rick DiSalvo, George Squibb, Jody Nelson, and Scott Surovchak. Sept./Oct. 2010: 12-19.

Making the Impossible Possible: Closing Rocky Flats—Ahead of Schedule and under Budget. By Ed Bodey. Sept./Oct. 2005: 39-45.

Now Appearing at an Airport Near You: Adapting Aviation Ground Support Equipment for Removing Nuclear Waste at Rocky Flats. By Bill Badger. Jan./ Feb. 2004: 42-45.

100 and Counting: Rocky Flats is the Nation's Top Shipper to WIPP. May/June 2001: 36-37.

Stakeholders Can Help: Improving D&D Policy Decisions at Rocky Flats. By Jack Hoopes. July/Aug. 1999: 45-48.

The Rocky Flats Challenge: Driving Worker Exposures As Low As Reasonably Achievable During Decommissioning. By Jennifer Thompson. July/Aug. 2001: 42-47.

Thinking Outside the (Glove) Box: The Evolution of Decommissioning at Rocky Flats. By Jeanna Blatt. July/Aug. 2002: 26-29.

Wrapping Up a Waste Problem: Innovative Use of Polyurea Coating at Rocky Flats Reduces Risk, Saves Money. By Jackie Powers. May/June 2004: 40-43.

Sandia

Remediating the Past and Preparing for the Future at Sandia National Laboratories. By Thomas L. Sanders. Jan. 1996: 32-41.

A Serendipitous Discovery at Sandia: New Compound May Immobilize Certain Radionuclides. Nov./Dec. 2002: 45-46.

Savannah River Site

Accelerating SRS Tank Closure with Help from Partners, Technology. By Rick Kelley. Sept./Oct. 2009: 25-30.

Build It Fast, Use It Faster: The Story of the DWPF Melt Cell Crawler. By Clyde R. Ward, Montenius Collins, Thomas A. Nance, and Michael C. Prather. Jan./Feb. 2004: 20-25.

Building on a Tradition of Environmental Concern: The Evolution of Environmental Remediation at the Savannah River Site. By W. Dean Hoffman and Bruce Cadotte. Sept./Oct. 2000: 9-18.

The Burial Ground Complex at the Savannah River Site: Large-Scale Remediation. By J. Michael Griffith. Nov. 1997: 35-39.

Cadmium Control/Safety Rod Disposal at the Savannah River Site. By Steve H. McInnis. May 1995: 30-34.

Can-in-Canister Demonstration at DWPF. By Nicholas H. Kuehn III, Jeffery R. Brault, David T. Herman, M. John Plodinec, Mary K. Andrews, Jeffery T. Coughlin, Poh-Sang Lam, and W. Gene Ramsey. May 1997: 20-22, 24, 26.

Celebrating SRS's First Area Closure. By Fran Poda. July/Aug. 2007: 11-16.

Closing High-Level-Waste Tanks at the Savannah River Site. By Thomas B. Caldwell, Paul D. d'Entremont, Christine A. Langton, Jeffry L. Newman, Eloy Saldivar, Jr., and Narasimhan Rajendran. Mar. 1998: 19-26.

Closing Waste Tanks at the Savannah River Site: It's Never As Easy At It Looks. By Madeline Blair. Sept./ Oct. 2012: 18-23.

Comparing Hanford and Savannah River Site Tank Wastes. By R. C. Philip Hill, Jacob G. Reynolds, and Paul L. Rutland. Jan.-Apr. 2012: 32-36.

Control Room Consolidation Improves SRS Liquid Waste Operations. Jan./Feb. 2007: 40-41.

Decommissioning at Savannah River—With a Focus on F Canyon Deactivation. By Nancy J. Zacha. Mar./ Apr. 2005: 62-63.

Developing a Gamma Spectroscopy System at the Savannah River Site. By David A. Filler and Brian S. Crandall. Nov. 1996: 49-52.

Digging in the Canyons: Simplifying Waste Removal from Chemical Separations Operations at the Savannah River Site. By Eric V. Szendrei. Jan./Feb. 2002: 33-36.

Doin' What Comes Naturally: Natural Remediation at Savannah River Site. By Catherine M. Lewis and Robert Van Pelt. Sept./Oct. 2002: 22-28.

DWPF: Old Work Horse, New Tricks. By John N. Lindsay. May/June 2011: 23-29.

Experts Test Agencies' Skills at Radiological Detection and Control. July/Aug. 2012: 46-50.

Further Development of Modified Monosodium Titanate, an Improved Sorbent for Pretreatment of High-Level Nuclear Waste at the Savannah River Site. By Kathryn M. L. Taylor-Pashow, Fernando F. Fondeur, Samuel D. Fink, and David T. Hobbs. Jan.-Apr. 2012: 64-81. Getting to Clean Groundwater. July/Sept. 2014: 18-23.

The Good, the Bad, and the Money; Or, What's Right and Wrong with Privatization. By Nancy J. Zacha. Jan./Feb. 1999: 38-40.

Innovative Mercury Treatment Benefits Stream, Fish. Jan.-Apr. 2013: 58-60

Interim Salt Disposition Processing at SRS: Construction Complete, Startup Testing Continues. By "DT" Townsend. May/June 2007: 31-36.

Let's Model It: Using Computer Simulation to Improve Waste Processing Safety. By Jerry Fireman. Nov./Dec. 2000: 31-33.

The Little Facility That Could: SRS's Effluent Treatment Project Celebrates 20 Years of Successful Operation. Jan./Feb. 2009: 30-31.

The Lowdown on L-Lake: A GIS Evaluation of Proposed Savannah River Site L-Lake Drawdown. By James S. Bollinger and David L. Dunn. Mar./Apr. 1999: 53-57.

Magazine, Rack, and Canister: Designing the Savannah River Site Plutonium Immobilization Program System. By Mitchell W. Stokes, Gregory L. Hovis, E. Lee Hamilton, James B. Fiscus, and Robert H. Jones. July/Aug. 1999: 49-54.

New Era of Salt Waste Processing Begins at SRS. By Dale Townsend. July/August 2008: 28-31.

A New Era of Waste Vitrification at SRS. By Dean Campbell. July/Aug. 2005: 30-34.

New Technologies in the SRS "Toolbox." By David Yannitell. July/Aug. 2000: 28-34.

Precise Cleaning Inside Tanks. Sept./Oct. 2005: 32-33.

Processing High-Level Waste at the Savannah River Site. By Austin B. Scott, Jr., and Neil R. Davis. May 1996: 34-38.

Putting the Stimulus to Work. By Fran Poda. Sept./ Oct. 2009: 18-24.

Radioactive Waste Sampling Supports Processing. By Thomas A. Nance. Mar. 1997: 18-22.

Reducing the Risk... Closing Radioactive Waste Tanks at the Savannah River Site. By Colleen Welch. Fall 2015: 25-30.

Remote Automatic Control Scheme for Plasma Arc Cutting of Contaminated Waste. By Aed M. Dudar, Clyde R. Ward, and Eric M. Kriikku. Jan. 1994: 56-62.

SRNL Precision Models Aid Recovery Act Cleanup at SRS. By Angeline French. May/June 2010: 42-45.

SRS/Clemson University Partnership Overcomes Challenge to Future Tank Closures. By Dean Campbell. Sept./Oct. 2008: 49-51.

SRS Demolishes Massive K Cooling Tower. July/August 2010: 41-43.

SRS's P Area Closure Work Reaches milestones: Area Cold and Dar, Moderator Removed, Demolition Complete. By Fran Poda. July/August 2008: 40-44.

Tackling Tough Challenges at SRS: Deactivation and Materials Disposition at F Area. By Fran Poda. Sept./ Oct. 2005: 23-29.

Teamwork Solves Bottleneck in TRU Waste Disposition at SRS. By Fran Poda. May/June 2007: 20-25.

Unique Team Gets the Job Done—And Then Some: 247F Decommissioning and Demolition at the Savannah River Site. By Fran Poda. Jan./Feb. 2006: 31-35.

Watching the Grass Grow: Closing SRS's Highest Risk Waste Unit. By Fran Poda. July/Aug. 2007: 17-21.

Tokamak Fusion Test Reactor

Diamonds Are a Cutter's Best Friend: Diamond Wire Cutting the Tokamak Fusion Test Reactor. By Keith Rule, Erik Perry, and Robert Parsells. May/June 2002: 40-45.

Talk the Talk and Walk the Walk: Focusing on Safety during Fusion Reactor Decommissioning. By Keith Rule, Erik Perry, and Jerry Levine. Jan./Feb. 2002: 12-15.

West Valley Demonstration Project

Calling in the Pool Guys: Decontamination of a Spent-Fuel Storage Pool. By K. A. Szlis, J. F. Jablonski, and A. m. Al-Daouk. July/Aug. 2002: 21-25.

Dismantling the Vitrification Facility at the West Valley Demonstration Project. By Michael J. Cain, Cynthia Dayton, and Ahmad M. Al-Daouk. Mar./ Apr. 2005: 36-42.

Disposition of the West Valley Demonstration Project Vitrification Melter. By Jim McNeil, David Kurasch, Daniel Sullivan, and Thomas Crandall. July/Aug. 2012: 20-29.

Finding (and Counting) the Needles in a Haystack: Estimating the Radioactivity in the XC1 Hot Cell at West Valley. By Jeffrey A. Choroser, Cynthia Dayton, and Herman R. Moore. Sept./Oct. 2004: 31-35.

Getting "Fired" Up: Size-Reduction with an Oxy Gasoline Torch. By K. A. Szlis, K. R. Schneider, S. W. Chase, J. A. Choroser, and H. R. Moore. Sept./Oct. 2001: 10-15.

Getting Pumped: Lessons Learned from the Decontamination and Removal of High-Level Waste Pumps at the West Valley Demonstration Project. By William F. Hamel Jr., Kimberly J. Mansfield, and Paul J. Valenti. Jan./Feb. 1999: 5-14.

Hands Off! New West Valley Facility Cuts Rad Components Down to Size. By Jim Hurst, Kathy Szlis, and Tom Vero. July/Aug. 2004: 29-33.

How to "Do" Windows: Refurbishment of Shield Windows at the West Valley Demonstration Project. By K. R. Schneider, M. J. Fizzano, J. L. Drake, and C. Kalkwarf. Jan./Feb. 2001: 37-40.

Just Tooling Around . . . Conventional Equipment Makes Light Work of Decontamination Challenges. By Scott Chase, John Drake, Kathy Szlis, and Peter Vlad. Mar./Apr. 2004: 38-46.

Starting from the Bottom: Lessons in Sampling Sludge from a Working Vitrification Melter. By C. S. Feuz, R. A. Palmet, and W. F. Hamel. Jan./Feb. 2002: 37-45.

Tapping into Lessons Learned at West Valley: High-Risk Decon Experience Leads to Repeat Success. By Helene Houston, Ken Schneider, Kathy Szlis, and John Drake. Nov./Dec. 2004: 34-40.

Thinking "Inside" the Box at West Valley: Decontaminating a Cell Tower. By Jeff Choroser, Helene Houston, Ken Schneider, Kathy Szlis, and Ahman Al-Daouk. May/June 2004: 28-33.

Vitrification at the West Valley Demonstration Project. By William F. Hamel Jr., Michael J. Sheridan, and Paul J. Valenti. Mar. 1998: 27-40.

Wrapping Up the Leftovers: Management of Expended Materials Relating to the West Valley Demonstration Project High-Level Waste Virtification Facility. By L. E. Krieger, R. DiBiase, W. F. Hamel, and P. J. Valenti. Mar./Apr. 2000: 12-20.

WIPP

Awaiting a New Permit at WIPP. By Susan Scott. Sept./Oct. 2006: 56-61.

Big Wheels Keep on Rolling: The Transportation Side of WIPP. By Angela Johnson, Lynn Eaton, and Phil Gregory. May/June 2009: 54-59.

Contrasting the WIPP and Yucca Mountain. By Chris G. Pflum. July 1995: 25-33.

Cutting the Gordian Knot That Binds WIPP: Sampling and Analysis to Validate Acceptable Knowledge on LANL Transuranic, Heterogeneous, Debris Waste. By Stanley T. Kosiewicz, Daniel I. Michael, Paul K. Black, Inez Triay, and Lawrence A. Souza. Mar./Apr. 2000: 55-64.

Eyes on the Numbers: A Report on Spectrum '98. By Nancy J. Zacha. Nov./Dec. 1998: 47-52.

From Collaboration to Compliance to Campaign Completion: Lessons Learned from the Rocky Flats TRU Shipping Campaign. By Gerald O'Leary and William Badger. May/June 2009: 60-65.

Going Mobile: How WIPP's CCP Revolutionized Nuclear Waste Characterization. By Bill Keeley. May/June 2009: 38-41.

Improvements to Alpha Continuous Air Monitoring Systems at the WIPP. By H. Bates Estabrooks, Sheila G. Clayton, and Richard F. Farrell. Oct. 1994: 80-85.

Independent Oversight at WIPP. By Christopher M. Timm. May/June 2009: 66-70.

Monitoring Human Activities near a Waste Repository: Valuable for Performance Confirmation. By Richard L. Beauheim. July/Aug. 2007: 39-46.

The Moving Target of WIPP's TRU Waste Inventory. By Beverly Crawford. May/June 2009: 26-31.

100 and Counting: Rocky Flats is the Nation's Top Shipper to WIPP. May/June 2001: 36-37.

Ready, Set...: A Process for Operational Readiness at the Waste Isolation Pilot Plant. By Joseph L. Epstein. Mar./Apr. 1999: 67-73.

Repackaging a Transuranic Waste Stream for WIPP Disposal. By David R. Yeamans, Kapil K. Goyal, and Matthew J. Roybal. Mar./Apr. 2001: 26-32.

The Salt of the Earth: 25 Years of Experience in WIPP Underground Operations. By John D. Vandekraats and Stanley J. Patchet. May/June 2009: 20-25.

Shielded Payload Containers for WIPP Remote-Handled Waste. By Roger Nelson and D. Sean White. Mar./Apr. 2009: 64-72.

Tracking the Trash: Characterization and Certification of Waste for Disposal at WIPP. By Dave K. Ploetz, Charles Turner, and Robert F. Kehrman. May/June 2009: 32-37.

Waste in Its Proper Place. By Nancy J. Zacha. Mar./ Apr. 2007: 73-75.

WIPP @ 10: Securing the Past—Piloting the Future. By Dave Moody and Farok Sharif. May/June 2009: 16-19.

WIPP: 2010 and Beyond. By Susan McCauslin. July/August 2010: 48-55.

WIPP Celebrates 10 Years of Safe Operations. By Roger Nelson. May/June 2009: 15.

WIPP Certification: A DOE Success Story. By George E. Dials. Jan./Feb. 1999: 15-19

WIPP Marker Development. By Kathleen M. Trauth. Apr. 1994: 46-52.

WIPP's Mobile Loading Unit. By Bryan Howard. May/June 2009:" 42-46.

WIPP: The Road to Recovery. By Tim Gregoire. Apr./ June 2014: 34-36.

WIPP's Unique Fleet of Packages Delivers. By Robert Johnson and Todd Sellmer. May/June 2009: 47-53.

WIPP-WIPP-Hoo-Ray! World's First TRU Disposal Facility Begins Operations, Receives First Wastes. By Chuan-Fu Wu. May/June 1999: 22-27.

Yucca Mountain

Alternative Uses for the Yucca Mountain Site: A GAO Report. Jan.-Apr. 2012: 24-30.

Artifact to Analogue: Archeology of Arid Environments points to Management Options for Yucca Mountain. By Neil Chapman, Amy Dansie, and Charles McCombie. Mar./Apr. 2007: 22-31.

Breaking the High-Level Waste/Spent Fuel Logjam. A Perspective by Dade W. Moeller. May/June 2006: 18-20.

Collaborating for Success: Performance Culture Turnaround in the Federal Government. By Leopoldo Seguel, Fred Valentino, and High Diamond. May/ June 2012: 34-44.

Contrasting the WIPP and Yucca Mountain. By Chris G. Pflum. July 1995: 25-33.

DOE Strategic Plan for the Safe Transportation of Spent Nuclear Fuel and High-Level Radioactive Waste to Yucca Mountain. Mar./Apr. 2004: 18-24.

The EIS at a Glance: An Overview of the DOE's Yucca Mountain Draft Environmental Impact Statement. Nov./Dec. 1999: 43-47.

The Evolution of Spent-Fuel Waste Packages: Designing the Means to Permanently Dispose of U.S. High-Level Nuclear Waste. By Hugh Benton and Judy Connell. Mar./Apr. 2001: 34-42.

GAO: Opening Yucca Mountain Cheaper than Storage Alternatives. Mar./Apr. 2010: 40-47.

Interview with Wesley E. Barnes, Yucca Mountain Project Manager. By David A. Schabes. July 1995: 20-24.

Licensing of Yucca Mountain as a Geological Repository for Radioactive Wastes: An ANS Position Statement. July/Aug. 2009: 34-35.

Natural Analogs for Yucca Mountain. By William M. Murphy. Nov. 1995: 44-50.

OCRWM's Inaugural Science and Technology Program for Yucca Mountain. By Thomas Kiess, Robert Budnitz, Douglas Duncan, Mark Peters, John Wengle, and Jeffrey Williams. May/June 2005: 41-48.

The Potential Impact of Using TAD Canisters on Yucca Mountain Preclosure Operations. By Leah Spradley, Mark. Abkowitz, and James H. Clark. Mar./Apr. 2009: 56-62.

Repository Heat and Hydrological Behavior at Yucca Mountain. By Thomas A. Buscheck and John J. Nitao. Apr. 1994: 71-76.

Staged Licensing and the Need to Assure Issue Closure in New NRC Regulations for Licensing the Yucca Mountain Repository. By F. Stanley Echols. July 1998: 10-14.

Stumping for Yucca Mountain: Grassroots Efforts to Secure Congressional Support for the High-Level Waste Repository. By Janenne Irene Harrington. May/June 2002: 46-51.

The Tragedy of Yucca Mountain. By Dade W. Moeller. Sept./Oct. 2010: 52-57.

The Tragedy of Yucca Mountain: Part II. By Dade W. Moeller. Jan.-Apr. 2011: 54-58.

Transportation Cooperation: Involving Corridor States in Decision Making Contributes to the Success of the DOE's Transportation Program. By Lisa R. Sattler. Mar./Apr. 2004: 13-17.

What's Next for Yucca Mountain? By Richard G. Telfer. Sept./Oct. 2002: 40-48.

What's Next for Yucca Mountain? By Nancy J. Zacha. May/June 2006: 12-17.

Yucca Mountain: Dumped and Wasted? By Nancy J. Zacha. July/Aug. 2009: 12-18.

Yucca Mountain: Healthy or on Its Deathbed? A Meeting Report from the 2008 Regulatory Information Conference. By James F. Mallay. May/June 2008: 44-46.

Yucca Mountain: Solving an Existing Environmental Problem. By J. Russell Dyer. July 1998: 16-18. Yucca Mountain Repository Standards: What Does the EPA Not Understand? By Dade W. Moeller. Sept./ Oct. 2008: 10-12.

Yucca Mountain Updates—And Other Spent Fuel Issues. By Nancy J. Zacha. May/June 2005: 49-50.

Utilities

The ABCs of Decommissioning Safety. By Bill Grubilowicz and Janenne Irene Harrington. Jan./Feb. 2002: 8-11.

Adapt, Be Nimble, Be Open-Minded: Reducing Radwaste Volumes and Costs at Diablo Canyon. By Bill Keyworth. Nov./Dec. 1999: 17-22.

Advanced Approaches to Reduce Waste, Slash Costs. July/Aug. 2012: 17-19.

And Now for Something Completely Different: An Innovative Path Toward Zion Decommissioning. By Nancy J. Zacha. May/June 2012: 29-33.

ASCA Cleanuup with Membrane Technology. By Billy Cox, charles Jensen, and Dennis Brunsell. Jan./ Feb. 2010: 9-15.

Bidding Farewell to Saxton. Mar./Apr. 2006: 43-45.

The Big Cleanout at Big Rock Point. By Tim Petrosky. Jan./Feb. 2000: 14-21.

The Big Rock Vessel Goes to Barnwell. By Tim Petrosky. Jan./Feb. 2004: 15-19.

Bit by Bit... Taking It Apart: The Incremental Dismantlement of the Rancho Seco Secondary System. By Dennis E. Gardiner and John M. Newey. July/Aug. 1999: 9-14.

Bringing Best Industry Operating Practices to New Nuclear Plant Designs: An EPRI Radwaste Review. By Sean Bushart. Mar./Apr. 2006: 18-24.

Building a Mixed-Waste Prevention Program at Comanche Peak. By R. B. McCamey. May 1995: 21-28.

Business as Usual . . . Only More So. By Nancy J. Zacha. Nov./Dec. 2001: 9-14.

Bye-Bye Big Rock: Greenfield Celebration Highlights Plant's Successful Decommissioning. By Dan Gretzner. Nov.Dec. 2006: 12-16.

Cleaning an Entire Plant: Full Reactor Coolant System Chemical Decontamination at Indian Point 2. By Stephen A. Trovato and John O. Parry. July 1995: 13-19.

The Closing of Kewaunee: Dominion's Plans for Decommissioning. Interview by Tim Gregoire. July/ Sept. 2014. 36-38.

Connecticut Yankee Decommissioning: Removing Restoring, and Reusing. By Michael D. Cavanaugh. Mar./Apr. 2001: 59-61.

Cruisin' Up the River: The Final Journey of the Trojan Reactor Vessel. Nov./Dec. 1999: 48-52.

D&D . . . and Now Demolition. By Janenne Irene Harrington. Sept./Oct. 2001: 24-25.

Decide, Design, and Dewater de Waste: A Blueprint from FitzPatrick. By Dennis E. Robert. Apr. 1994: 21-22.

The decommissioning of Zion: A status update. By Patrick Daly. Nov./Dec. 2013: 18-27.

Decommissioning One, Operating Two: At San Onofre, Breaking Up Is Hard To Do. By Ray Golden. July/Aug. 2000: 20-23.

Decommissioning the Next Generation of Nuclear Plants. By John Newey. Mar./Apr. 2006: 26-28.

Decommissioning "The Rock:" A Photo Tour of the Big Rock Point Restoration Project. Sept./Oct. 1999: 60-62.

Decommissioning Trojan: A Step-by-Step Tour of a Landmark Process. By Stephen Quennoz. May/June 1999: 17-21.

A Decommissioning Wrapup: Commercial Reactor Decommissioning Status in 2006. By Edward C. Doubleday. Mar./Apr. 2007: 46-52.

Decommissioning Yankee Rowe. By Kenneth J. Heider and Russell A. Mellor. July 1994: 26, 28-32.

Designing Decommissioning into New Reactor Designs. By Jas S. Devgun. Sept./oct. 2007: 40-46.

D&D at Big Rock Point. By Jane Dunshee and Lisa Wheat. May/June 1999: 28-30.

A Diablo Canyon Double Feature: When Less Is Less, by Clint Miller; Consolidation of Waste Correlation Factors, by Clint Miller and L.T. Claytor. Mar. 1996: 64-70.

Dismantling the Recirculation Pump Room at Big Rock Point. By Janenne Irene Harrington. Mar./Apr. 2001: 56-58.

Doin' the D&D: Dancing to the Regulatory Tune. By John D. Haseltine and Stephen J. Milioti. Jan./Feb. 1999: 44-49.

End-of-Life-Cycle Issues for Reactors Yet to Be Built. By Jas Devgun. Jan./Feb. 2010: 16-21.

Engineering for Transportation and Disposal of Low-Level Radioactive Wastes in Japan. By Yutaka Suzuki, Yoshihiro Akagawa, and Hiroo Ohno. Oct. 1994: 64-70.

EPRI's Decommissioning Technology Program. By Christopher J. Wood and Sean Bushart. July/Aug. 2006: 30-35.

EPRI's Groundwater Protection Program. By Karen Kim. Sept./Oct. 2008: 16-17.

Evolving Requirements for Waste Management Software. By David W. James. Nov./Dec. 2003: 20-23.

Fast Track Steam Generator Disposal at Salem Generating Station. By Herb Cruickshank, John Gomeringer, and Robert Killen. Jan. 1998: 50-54.

Fermi-1 Update: Impact of a Decommissioning Evaluation and the Decommissioning Rule. By Lynne S. Goodman. Nov. 1997: 45-48.

Five Sites, One Team, One Standard: The Entergy Approach to Radwaste Management. By Cyndy Moore. Nov./Dec. 1999: 14-16.

A Forum on the MPC: The Independent Review Group's Comments on the MPC, by John A. Vincent; The Nuclear Waste Technical Review Board's View's on the MPC, by Dennis L. Price; The NRC Perspective on the MPC, by Robert M. Bernero; The MPC System Evaluation Report. Oct. 1994: 34-49.

Fostering Community Participation in Decommissioning. By Maureen Brown. Sept. 1998: 31-35.

Four Key Elements for Radioactive Waste Minimization: Preplanning, Equipment and Facilities, Training. By Gene Henry. Jan. 1994: 20-24.

From Pool to Pad at Zion. Spring 2015: 50-53.

From the Bottom Up: Tank Removal at Trojan. By Brian D. Clark and Roger M. Lewis. Mar./Apr. 2000: 22-31.

Getting It Right: New Hampshire's State-of-the-Art Nuclear Decommissioning Law. By Bruce J. Musico and Harold T. Judd. Nov./Dec. 2001: 21-23.

Getting the Head Out: RPV Head Characterizing, Packaging, and Disposal. By Dean M. Wheeler, Bruce Geddes, and Ed Posivak. Nov./Dec. 2003: 14-19.

Goodbye, Golden Goose: The Effects of Connecticut Yankee Decommissioning on the Surrounding Community. By Terry Concannon. Jan./Feb. 1999: 54-57. Groundwater Protection at Nuclear Plants. By Karen Kim. Brozia Clark, and Steven Swilley. July/Aug. 2011: 37-43.

Handling the Unexpected: Connecticut Yankee's Concrete Block Recovery Effort. By Richard Sexton. Jan./Feb. 1999: 58-59.

Have Pipe Cleaning System, Will Travel: Innovative, Cooperative Effort at Big Rock Point. By Janenne Irene Harrington. Nov./Dec. 2000: 21-25.

Here's a TIP: The Advanced Resin Cleaning System Is Success for Grand Gulf. By Philip Theibert. Nov./ Dec. 1998: 43-46.

Heroes for Zeros—Developing a High-Performance Team. By Christopher A. Lewis. Sept. 1998: 36-39.

How More Means Less: The Use of a New Ion Exchange Resin at the South Texas Project. By Milton F. Rejcek. Nov./Dec. 2002: 10-14.

The Importance of Radiological Data Validation. By Kendra K. Grega and LeRoy F. Wenrick. Mar. 1995: 28-32.

The Industry Ground Water Protection Initiative: A Watershed Moment. By Kathleen C. Yhip, George J. Oliver, and Ralph L. Andersen. Mar./Apr. 2010: 24-28.

Interview with Andrew C. Kadak. By David A. Schabes. Jan. 1996: 17-24.

Keeping an Eye on the Bottom Line. By Michael S. Terrell. Sept./Oct. 2000: 30-32.

La Crosse BWR Reactor Vessel Shipped to Barnwell. Sept./Oct. 2007: 30-32.

La Crosse Fuel Is Moved to an ISFSI. Nov.-Dec. 2012: 24-27.

Large Component Disposal: Do It Now or Do It Later? By Paul J. Larsen and Jay K. Vance. Jan./Feb. 2006: 20-25.

Laser Cleaning Process Demonstrated for Power Plant Component Refurbishment. By Dwight Hostetter and Greg Frederick. Nov./Dec. 2002: 15-17.

The Legacy of Three Mile Island: Implications for Today's DOE Challenges. By Richard P. Coe, Michael S. Williams, and William T. Conaway. May 1996: 30-33.

Less Means Less: Duke's Liquid Radwaste Solution. By Tom Shiel. Nov./Dec. 1998: 37-42.

Liquid Waste Processing at Comanche Peak. By Lisa M. Hughes-Edwards and Jeffrey M. Edwards. Sept. 1996: 26-30.

Looking to the STARS to Reduce Class B/C Waste: EPRI's Waste Logic-Solid Waste Manager Can Help. By Clint Miller. Nov./Dec. 2003: 24-28.

Low-Level Radwaste Storage Facility at Hope Creek and Salem. By Larry C. Oyen, Kristen K. Lee, Richard Bravo, and Bruce Bovankovich. Jan. 1994: 71-74.

Managing Steam Generator Chemical Waste at Palo Verde. By Varcel Huntsman. Nov./Dec. 2004: 12-16.

Michigan Historical Marker for Big Rock Point Site. By Tim Petrosky. Nov./Dec. 2007: 10-12.

Moving to Another Stage of Life: Shipping, Decontaminating, and Final Disposition of the Maine Yankee Large Components. Sept./Oct. 2000: 50-55.

New Waste Management Solutions at Hungary's Paks Nuclear Power Plant. By P. Ormai and J. Schunk, Jan./Feb. 2004: 33-41.

The Next Stage for EPRI'S DFD Process: Decontamination and Recycling of Radioactive Material from Retired Components. By Chris Wood, Sean Bushart, David Bradbury, and George Elder. Nov./Dec. 2004: 17-21.

Old Rail Spur Reactivated: Railroad Moved Radioactive Materials from San Onofre. By. David Gilson. Mar./Apr. 2005: 20-26. On-Site Dry Spent-Fuel Storage: Becoming More of a Reality. By Betsy Tompkins. Jan. 1994: 63-70.

On-Site Low-Level Waste Storage at D.C. Cook. By Walter T. MacRae. Apr. 1994: 66-70.

On-Site Waste Minimization Programs at McGuire Nuclear Station. By Graham T. Johnson. May 1998: 21-23.

Onsite Storage: Reducing the Burden. By Lisa Edwards. May/June 2010: 20-23.

An Operating Philosophy for Volume Reduction. By Frederic J. Mís. Apr. 1994: 42-45.

A Partnership for PCE Reduction. By Scott Griffin. May/June 2013: 30-33.

Pathfinder: The Long Road Toward Decommissioning. By C. E. Burtoff, J. W. Closs, J. M. Gushue, J. J. Holthaus, K. Lucken, and J. C. Seitz. March/April 2008: 18-27.

Planning Ahead: Preparing for the Early Retirement and Decommissioning of Oyster Creek. By James E. Hildebrand. Nov./Dec. 1998: 31-36.

Post-Barnwell Disposal of Class B and C Resins and Filters. By Charles Jensen and Clint C. Miller. Jan./ Feb. 2008: 14-18.

Postirradiation Fuel Assembly Dimensions for Transportation and Storage Cask Designs. By Douglas A. Williamson. Jan. 1994: 42-47.

Potential Radioactive Scrap Metal Quantities from Nuclear Power Plants Worldwide. By Leslie A. Nieves and Roger W. Tilbrook. Jan. 1996: 45-53.

Private Fuel Storage: Finding Real Solutions for Centralized Spent-Fuel Storage. By Scott Northard. Jan./ Feb. 2000: 35-39.

A *Radwaste Magazine* Interview: Managing LLW at the Palo Verde Nuclear Power Plant. July 1997: 10-13.

Radwaste Management at U.S. Nuclear Power Plants: Where We Are Today (and How We Got There). By C. C. Miller. Nov./Dec. 1999: 8-13.

Radwaste Operations at Diablo Canyon: A Photo Essay. Nov./Dec. 1999: 23-26.

The Rancho Seco Eleven: A Story of Spent Fuel Racks from Removal to Burial. By Robert A. Snyder. Jan./ Feb. 2004: 26-32.

Recycling Hits the Big Time: Reactor Coolant Pump Decontamination and Refurbishment at Oconee. By Tom Shiel. Jan./Feb. 2000: 44-48.

Resuming Decommissioning Activities at Fermi-1: Problems Encountered and Lessons Learned. By Danny Swindle, Jon Couillard, and Lynne Goodman. July/Aug. 1999: 15-19.

Reverse-Osmosis Applications for PWR Liquid Radwaste Processing. By Pete Gunderson, Tom Jamieson, Billy Cox, and Charles Jensen. Jan./Feb. 2008: 10-13.

Robots Provide Valuable Tools for Waste Processing at Millstone Nuclear Power Station. By Kirk Miles and Kathy Volpe. Mar. 1997: 28-30.

Safe from Start to Finish: The 1100-Mile Journey of the Yankee Rower Reactor Pressure Vessel. By Leo Lessard. Mar./Apr. 2000: 44-49.

San Onofre's Decommissioning Report. Oct./Dec. 2014: 21-23.

Saving \$\$ at SONGS with Disposable Media Filters. By Daniel L. Cox, Lee Clark, and Mike Venier. Nov./ Dec. 2003: 10-13.

The Search for Something Better: Improvements to Radwaste Processing at Oyster Creek. By Robert J. Artz and Robert J. Hillman. Nov./Dec. 2000: 9-15.

Segmenting and Disposing of the Rancho Seco Reactor Vessel Inernals. By Karl Johnson. Sept./Oct. 2006: 37-50. Segmenting the Rancho Seco Reactor Head—A Cost-Effective Option. By Michael Snyder. Nov./Dec. 2004: 22-27.

Selecting and Applying an Automated Welding System. By Mario Lento. Nov./Dec. 2002: 18-20.

The Shoreham to Limerick Fuel Transfer Project. By Rich Wolters, Kevin Theriault, and Bob Jones. Oct. 1994: 19-26.

Silica Removal with Membrane Technology. By Clint Miller, Subrene Morris, Mike Frala, and Charles Jensen. Jan./Feb. 2006: 26-30.

Softening Things Up at Big Rock Point: Controlled Blasts Assist Demolition. Mar./Apr. 2006: 46-49.

Spent Fuel Management at the Northern States Power Company. By John Closs and Lon Kress. May 1966: 25-29.

Striking the Right CORD: Decontamination for Decommissioning at Connecticut Yankee. By Scott Watson, Richard N. McGrath, Horst-Otto Bertholdt, Edmund Friedrich, William J. Szymczak, and Ed Ruzauskas. Mar./Apr. 1999: 46-51.

Stud Cleaning Made Easier: Reducing Time, Effort, and Radwaste at the South Texas Project. By Edward Conaway. July/Aug. 2000. 24-25.

Taking Down the Maine Yankee Containment Building. By Eric Howes. Jan./Feb. 2005: 40-43.

A Team Effort: Reducing the Volume of Low-Level Radioactive Waste. By Kerry Zimmermann. Sept. 1996: 39-41.

Tell Them What They Want To Know: Designing a Community Outreach Program. By Darrell M. Lankford. Jan./Feb. 1999: 50-53.

Ten Spectacular Seconds: Successful Cooling Tower Implosion at Trojan Reflects Careful Planning. July/ Aug. 2006: 36-38. Tests, Tests, and More Tests at Rig Rock Point: Soil and Water Testing Helps Ensure Public Safety. By Tim Petrosky. Sept./Oct. 2004: 20-23.

To DOC or Not To DOC: Managing Power Plant Decommissioning. By Nancy J. Zacha. July/Aug. 1999: 60-61.

To Decommission or Not To Decommission? A Guide for Utilities. By Leo Lessard. Sept./Oct. 1999: 32-36.

To Toss or Not to Toss—That Is the Question. By J. Mark Price. Jan./Feb. 2006: 12-19.

Up for Decades, Down in Seconds: Completing the Demolition of a Sphere Enclosure Building. Mar./ Apr. 2009: 28-29.

Used Fuel Management at Hope Creek. Oct./Dec. 2014: 24-27.

A Video Look in the Pool: Spent-Fuel Characterization for Dresden-1 Decommissioning. By Coleman McDonough, Linwood Ray, John J. Villanueva, and Ed Ruzauskas. July/Aug. 1999: 20-23.

Vogtle's New Radwaste Processing Facility. By Paul Jackson. Sept./Oct. 2002: 34-37.

What If We Lose Barnwell? By Nancy J. Zacha. July/ Aug. 1999: 62-63.

Whatever Happened to TMI-2, and Other Nuclear Waste Issues. By Nancy J. Zacha. Mar./Apr. 2007: 68-72.

Where Are You Going—And How Are You Going to Get There? Creating a Virtual Organization for Nuclear Power Plant D&D. By Carroll Eichhorn. Jan./ Feb. 2000: 52-54.

Where the Utilities Go. Nov./Dec. 2000: 4.

Zion: A Progress Report. Fall 2016: 24-27.

Vitrification

Dismantling the Vitrification Facility at the West Valley Demonstration Project. By Michael J. Cain, Cynthia Dayton, and Ahmad M. Al-Daouk. Mar./ Apr. 2005: 36-42.

Disposition of the West Valley Demonstration Project Vitrification Melter. By Jim McNeil, David Kurasch, Daniel Sullivan, and Thomas Crandall. July/Aug. 2012: 20-29.

DWPF: Old Work Horse, New Tricks. By John N. Lindsay. May/June 2011: 23-29.

Foundation Pouring Begins for Hanford Vit Plant. Sept./Oct. 2002: 49.

Multiple Aspects of Cold Crucible Melting. By Antoine Jouan, Jean-Pierre Moncouyoux, Serge Merlin, and Patrice Roux. Mar. 1996: 77-81.

A New Era of Waste Vitrification at SRS. By Dean Campbell. July/Aug. 2005: 30-34.

Putting Bulk Vitrification to the Test: Stage Set for Full-Scale Testing at Hanford's Tank Farms. By Mike Berriochoa. Mar./Apr. 2005: 58-61.

Sellafield's Vitrification System. By Brett Campbell. Fall 2016: 28-31.

Starting from the Bottom: Lessons in Sampling Sludge from a Working Vitrification Melter. By C. S. Feuz, R. A. Palmet, and W. F. Hamel. Jan./Feb. 2002: 37-45.

Vitrification at the West Valley Demonstration Project. By William F. Hamel Jr., Michael J. Sheridan, and Paul J. Valenti. Mar. 1998: 27-40.

Vitrifying the Hanford Tank Wastes: New Team, New Vision, New Energy. By Sue Kuntz. May/June 2001: 26-30.

The World's Largest Construction Project: Designing and Constructing Hanford's Waste Treatment Plant. By Garth M. Duncan. Sept./Oct. 2005: 14-22.