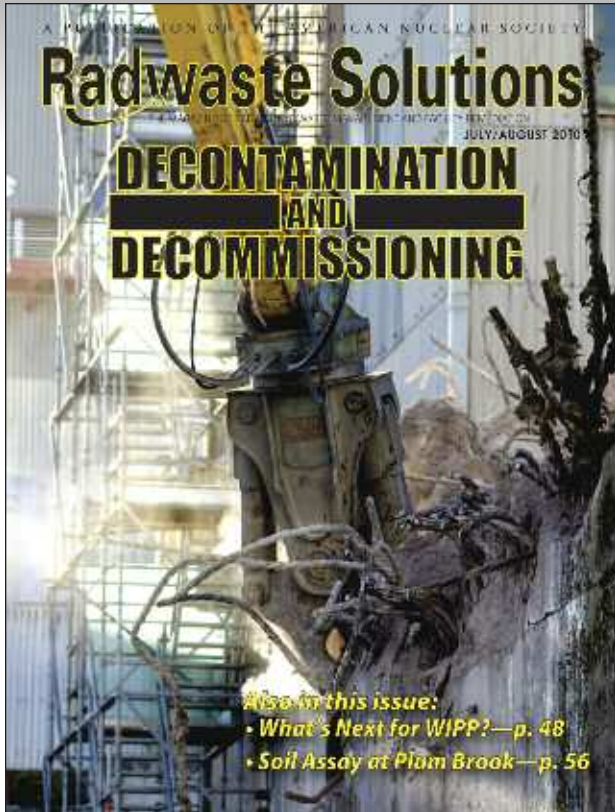


# Radwaste Solutions

JULY–AUGUST 2011



## Cover Story

# Decontamination and Decommissioning

## ARRA Cleans Up Y-12

ARRA funding jump-started seven environmental cleanup shovel-ready projects at Oak Ridge's Y-12 site, which accelerated previously designated work for improving site and public safety, reducing Y-12's footprint and environmental impact, maximizing site security while reducing maintenance costs, and preparing designated areas for future beneficial use.

## Other feature articles

- The Journey of the MCL Trader  
*Ship Modification for Spent Fuel Transport*
- Groundwater Protection at Nuclear Plants  
*The Electric Power Research Institute's initiatives on groundwater protection and underground piping and tank integrity are designed to prevent inadvertent leaks or spills over the life of nuclear power plant operation.*
- Preliminary Performance Assessment for Deep Borehole Disposal of HLW  
*Advances in drilling technologies over the last several decades suggest that the construction of deep boreholes should no longer be viewed as a greater technical challenge than deep mines, and that retrieval, if required, should not be viewed a priori as unachievable.*

**Ad Space Deadline:**  
**Monday, June 20**  
**Ad Material Due:**  
**Friday, June 24**

## Additional articles in July–August *Radwaste Solutions*

- **Photo Essay: Decommissioning the World's Largest Open Air Nuclear Fuel Storage Pond**  
*The PFSP is the largest open-air nuclear fuel storage pond in the world, containing more than 15 000 cubic meters of radioactive water, more than 300 m<sup>3</sup> of sludge, various nuclear wastes, and legacy spent nuclear fuel.*
- **Perspective: Radioactive Waste Disposal in the U.S.**  
*In the United States, there are a lot of similarities in how the high- and low-level radioactive waste sites are licensed, even though the technical issues are very different.*
- **Meeting Report: Status of, Lessons Learned from HLW Disposal Programs Around the World**  
*A report from the American Nuclear Society's International High-Level Radioactive Waste Management Conference, held April 10–14, 2011, in Albuquerque, N.M.*

## Additional Circulation

- Utility Working Conference, The Westin Diplomat, Hollywood, Fla., Aug. 14–17
- 5th Annual RadWaste Summit, JW Marriott Las Vegas Resort & Spa, Summerlin, Nevada, Sept. 6–9
- Waste Management, Decommissioning, and Environmental Restoration for Canada's Nuclear Activities, Toronto, Ontario, Canada, Sept. 11–14

