



> At Waste Management 2006

SPOTLIGHT ON NEW SMART RAILCARS & EXPANDED PACKAGING PRODUCT LINE

NEW HEXPACK PACKAGING FOR SMALLER QUANTITIES OF HAZARDOUS MATERIALS

It's show time.

Live, real-time demonstrations of our new cargo-monitoring "smart" railcars, plus samples of new packaging products for generators and shippers of hazardous waste and materials, will be spotlighted at this year's Waste Management Symposium in Tucson, Arizona (February 26 - March 2).

The annual Waste Management conference is the nuclear waste management industry's premier event, with attendees from around the world gathering in the American Southwest for seminars and networking. We have been a long-time sponsor of the conference and various auxiliary activities.

The new smart railcars service features remote monitoring and diagnostic systems to monitor shipments of sensitive cargo.

Long-life, battery-operated wireless devices and monitoring equipment track exact locations and operating status of railcars in use across North America, as well as the condition of their contents. The wireless devices incorporate global positioning satellite (GPS) technology linked to our operations group's systems.

Shippers can access detailed data about their cargo's whereabouts at any given moment through a secure, protected system, and can be alerted if railcars have been tampered with or have encountered an unusual event. Add-on features that monitor internal or external temperatures, pressure, impact and other variables can be integrated into the basic unit.

Says Rick Zink, executive vice president spearheading the roll-out of our smart railcar service, "We're excited to be offering our new asset-tracking capabilities at the Waste Management conference. We believe the technology will be a powerful catalyst for our clients' ability to improve operational efficiencies."

Continued inside



WM'06 CONTEST WINNER

> Linda Sikkema, a radwaste and tribal lands program director at the Denver-based National Conference of State Legislatures, is the winner of our recent air tickets giveaway contest. Simply for visiting our Web site — www.mhfls.com — and signing up to receive communications from us, she and a colleague will be traveling to the Waste Management Symposium in Tucson as our guests. "The Waste Management conference is a great learning opportunity and I've been going to it for years. I'm thrilled that MHF Logistical Solutions will be helping me get there for this year's conference." Our congratulations to Linda and our thanks to all who have registered their e-mail addresses on our site.

CAREFUL HANDLING: SPENT FUEL SHIPMENT

Longshoremen at an East Coast port loading a cargo container holding spent fuel casks onto a specialized articulating bulk commodity flatcar, part of our extensive fleet of rail equipment available for the nuclear industry and other generators and shippers of hazardous and non-hazardous waste and materials. The spent fuel had arrived by ship as part of the Foreign Research Reactor Spent Fuel Program. We handled its transfer to rail, and then its transportation and disposal at a Department of Energy storage site.



INTEGRATED APPROACH: PACKAGING & TRANSPORTING FEEDWATER HEATERS FROM PENNSYLVANIA NUCLEAR PLANTS



Feedwater heater packaged and ready for transport.

Replacing components in a nuclear power plant is a complex undertaking. The materials must be treated with utmost care to protect the safety of workers and others in proximity of the components during removal, transit and disposal.

Just as critical, the work must be done on time – otherwise the plant's owners might face a potentially huge liability as they are forced to buy power on the open market to replace the electricity not being produced during the outage.

MHF Logistical Solutions (MHF-LS) is the nuclear industry's premier provider of transportation, packaging and technical consulting for the handling of plant components, as well as other types of low-level radioactive waste. We have moved everything from large steam generators to scrap metal, often utilizing rail (and our own fleet of railcars, equipment and packaging) to safely and economically move components long distances across the continent.

We've been involved in virtually every recent decommissioning project and most recent uprate projects in the U.S.

Our clients in the nuclear industry and elsewhere look to us for our ability to design and implement turnkey, integrated solutions to the challenging work of packaging and moving hazardous materials.

A recent project that underscores the advantages of our integrated approach involved packaging and transporting two large feedwater heaters from the Three Mile Island Nuclear Generation Unit One and three feedwater heaters from Peach Bottom Unit Three, both in the Harrisburg, Pennsylvania, area. The destination for final disposal was a site in the Western U.S.

Both Pennsylvania plants are operated by the AmerGen Energy Company, LLC, a subsidiary of Exelon Corporation, one of U.S.'s largest electric utilities with 5.2 million customers and revenues of more than \$14 billion.

The three feedwater heaters from Peach Bottom were each more than 49 feet long and about six feet in diameter, and each weighed about 65,000 pounds.

The two feedwater heaters from the Three Mile Island site were more than 48 feet long and just under seven feet in diameter, with weights of about 85,000 pounds each.

We worked with engineers at each site to ensure that the heaters were properly prepared for shipment. We packaged them in SCO (surface contaminated object) Wrap packaging meeting the U.S. Department of Transportation packaging requirements for Class 7 Radioactive Material.

"It is challenging work to remove large feedwater heaters from containment," said Chris Hawthorne, a MHF-LS Technical Services manager who worked on-site to help manage the project. "It is time consuming and must be done meticulously."

Hawthorne, along with other MHF-LS Technical Services staffers who supervised the preparatory efforts and coordinated with plant management, also worked with our staff experts to develop the project's transportation logistics.

A subcontractor we hired provided over-dimensional truck trailers to haul the heaters to the disposal site, securing all necessary permits for the approximately 2,000 mile journey.

Bottom line: the project was completed on schedule and on budget. ●

> Spotlight (cont.)

Says Zink, "It's especially appropriate to spotlight the smart railcars service in Tucson. We were pioneers in making rail a viable option for the safe and economical transportation of radioactive materials. Now, through innovation, we're adding to the attractiveness of rail for a wide range of shippers."





New heavy-duty side-loading container suitable for radioactive materials and a range of hazardous and non-hazardous waste and materials.

ALSO IN TUCSON: NEW PACKAGING OPTIONS

Ongoing innovation is also the theme for our packaging unit, which in recent months has introduced new packaging and container options that will be on display at the conference.

One new container is designed for waste generators without cranes or loading ramps. It's a heavy-duty side-loading container suitable for radioactive materials and a range of hazardous and non-hazardous waste and materials.

The 20-foot, IP-1 cargo container offers greater flexibility for shipping materials from remote or smaller locations not set-up for large-scale loading jobs. The container – now in use at the Los Alamos National Laboratory in New Mexico to load and ship TRU-characteristic waste stored in drums – can be easily loaded by a small forklift. It can be modified to accommodate various blocking and bracing systems, as well as various engineered hold-down or lock-down systems.

Our packaging unit makes lining systems to fit the new container.

Another packaging innovation is our new HexPack packaging product. It is UN/USDOT approved, 4G packaging available in five gallon to 55 gallon capacities. Economical and efficient, HexPacks are ideal for use in a laboratory or medical facility where small quantities of hazardous materials must be prepared for removal and disposal.

The new packaging options to be highlighted at Waste Management are the most recent additions to our comprehensive portfolio of packaging.

"It's all about choices," said Ken Grumski, MHF-LS director of packaging. "We're expanding our packaging options to be the most comprehensive provider of packaging for hazardous and non-hazardous waste and materials, from large, complex shielded containers to our new HexPacks for small quantities."

Said Grumski: "When folks in the nuclear waste business and beyond think of packaging, we'd like them to think of MHF-LS." ●

***Going to Waste Management 2006?
Please visit us at booth 906.***



HexPack packaging

NOW ON BOARD

BUSINESS DEVELOPMENT & TECHNICAL SERVICES SPECIALISTS JOIN COMPANY



Richard Santello (above) is our new vice president of business development. Rich previously was senior vice president at Clean Harbors, Inc., a \$650 million-a-year provider of environmental and waste management services, where he managed its landfill group, large projects and distributor services. He has also worked for Edward C. Levy Company, a recycler of construction materials and steel industry byproducts, and EnviroSource, Inc., where he led the company into several new waste management markets, including treatment of steel mill flue dust, and transportation and disposal of radioactive waste.

William Follett a new field service manager, strengthens our technical services team. He is working with clients supervising hazardous waste management and transportation projects. Bill most recently was with AWS Remediation, LLC, a waste remediation services company, where he managed business operations.

Gary Mossor joins us as business development manager. He previously was with Clean Harbors' Landfill Group as the manager of landfill and transload facilities in Utah. Based in Salt Lake City, he sits on the Utah Solid and Hazardous Waste Control Board.

Ned Murray, based in the Atlanta suburb of Lawrenceville, also joins us as a business development manager. He previously worked for Perma-Fix as its industrial division's director, sales and business development.

> Behind The Scenes

GENE GLEASON: NUCLEAR RESURGENCE “SUSTAINABLE”

Write dissertation. Launch career.

If that sounds like a straightforward formula for mapping one’s professional life, it certainly has worked for Gene Gleason.

As a 1970s doctoral candidate in political science at State University of New York at Albany, Gleason researched and wrote his dissertation on the role of economic decision-making in the nuclear power industry.

Fast forward a few decades. Gleason is now MHF Logistical Solutions’ (MHF-LS’) vice president for government affairs and international initiatives, bringing his in-depth knowledge of the nuclear industry – not to mention a database full of contacts – to bear in managing relationships in government and in spearheading the company’s international expansion. He is based in our corporate headquarters near Pittsburgh, Pennsylvania.

Prior to joining MHF-LS in 2001, Gleason worked in Utah for Envirocare of Utah LLC, the radioactive waste disposal and mixed waste treatment facility where he managed its commercial program.

Before Envirocare, Gleason had a long tenure with the State of New York. He held various senior policymaking and regulatory positions in the state government’s Energy Office, counseling governors and legislators and managing the agency’s far-flung operations.

Gleason also worked as a senior policy analyst for the National Science Foundation and served as an intelligence officer for the U.S. Air Force.



And he managed to squeeze in additional graduate work at Harvard University’s John F. Kennedy School of Government.

So how does the energy expert gauge the state of the nuclear power industry these days?

“I believe the current resurgence is sustainable, both in North America and elsewhere,” he says. “Cleaning up the air, stabilizing energy prices and fostering economic growth have all moved front and center as priorities. Nuclear power will have to play a bigger role.”

Gleason says that a heightened appreciation for building and managing nuclear plants efficiently also will be a catalyst for the industry. In the U.S., for example, last year’s Energy Act will help speed up the regulatory review process without compromising safety. In the United Kingdom, a push by the government to privatize handling of nuclear waste is helping to reinvigorate the industry.

“This is an exciting time for those of us who believe in nuclear power,” Gleason says. “New innovations will help us be good environmental stewards while also delivering the energy our societies need.”

Sensitivity to environmental concerns is a fact of life in the Gleason household. Wife Dianne, with a master’s degree in geology, has had an extensive career in the environmental field. She served as the State of Vermont’s chief geologist and was the director of environmental programs for the 2002 Winter Olympics in Salt Lake City.

More recently, she was a consultant for New York City’s bid for the Olympics, advised on programs for this winter’s games in Italy and was an environmental policy expert for Massachusetts Governor Mitt Romney. She is also an avid rider, and the Gleasons live on a horse farm in Western Pennsylvania. (Both have grown children from previous marriages.)

For Gleason, working for a vendor in the nuclear industry is a logical extension of concern for the environment. “What we do at MHF-LS is manage the safe packaging, transportation and disposal of hazardous and non-hazardous waste and materials,” he says. “That’s serious business, and we’re out there making it happen every day. I guess you could say we’re environmentalists at heart.” ●

You can reach Gene Gleason at 724.772.9800 or gene_gleason@mhfls.com



800 Cranberry Woods Dr, Suite 450, Cranberry Twp, PA 16066

724.772.9800 www.mhfls.com