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Plant Services Manager Beth Green is constantly monitoring feedback and looking for ways to improve the shuttle service. In a concerted effort to relieve some of the parking issues, 13 track drivers from the Atomic Trades and Labor Council are assigned to the shuttles at different times throughout the day.

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Dr. John Petersen, president of The University of Tennessee, visited the Y-12 National Security Complex in early February for a site tour and visit with employees. Petersen, who has been at UT’s helm since July 2004, spoke to about 200 of Y-12’s employees who are UT graduates. Almost 700 Y-12 employees are graduates of the university. “We (UT) always have trained excellent people,” Petersen told the approving crowd.

Unlike the majority of educational administrators, Petersen has a background in science and once collaborated with researchers from universities and the U.S. Department of Energy. He is familiar with the history of Y-12 and Oak Ridge and knows the importance of integrating science and technology into education.

Petersen explained that Tennessee is undereducated as a state, with only 21 percent of the state’s citizens holding bachelor degrees and asked alumni to share their good experiences with future students.

“The more I understand what goes on here and the more we communicate, the better we can prepare the future work force,” Petersen closed.

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Dials holds a master’s degree in nuclear engineering from the Massachusetts Institute of Technology, an M.S. in political science, also from MIT, and a bachelor’s in engineering from the U.S. Military Academy, West Point.

### What’s Inside

- Helping a Gulf Coast business get back on its feet
- Y-12’s field of dreams
- Join a softball team
- All aboard
- Hitch a ride on the shuttle
- Norsemen return

### BWXT Tymes

Volume 6, No. 2
February 2006
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Heidi Spurling
Mike Watkins
Donna Watson
Mona Wright
Liedle’s Letter

Y-12 welcomes Dials

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Together let’s welcome Mr. Dials to the Y-12 team.

—Steve Liedle

Remarks from BWXT’s COO

“George brings the experience necessary to manage and operate this nuclear weapons complex. For more than five years, BWXT has had a positive influence on Y-12’s operations. With George as part of our management team, it is a testament to our unwavering commitment to the Y-12 facility, employees and the DOE. I appreciate the excellent job that Steve has done for us during the interim.”

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STAMMP is making its mark

The Storage, Transfer, and Material Movement Program, or STAMMP, began last August as an initiative to address issues related to the storage and movement between facilities at Y-12, of safety basis materials of concern (SBMOC) (i.e., nuclear and chemically hazardous materials).

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BWXTymes
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“I look for cracks, dirt … It has to be the right size. It has to be the right shape,” said Pittman of the objects she inspects. “It’s pretty intense what you have to do—it’s a very detail-oriented job.”

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“A lot of the guys I work with have seen me under the hood for 20 years, and they know I can do the work as well as they can.” —Condensed from The Oak Ridger, Feb. 14, 2006

NNSA, small business help reshape Y-12

While the National Nuclear Security Administration’s focus on modernizing the Y-12 National Security Complex has not wavered, a recent construction project has yielded what can only be described as a historic replica.

When plans were made to create the Technical Support Facility, NNSA decided to incorporate their ongoing historic preservation efforts into the building’s design.

The structure’s facade was modeled after the Alpha and Beta buildings that surround it. The design incorporated key architectural features of the larger buildings, including the layout of the brickwork and the types of windows used.

“BWXT Y-12 really stepped up to the plate to make this project succeed,” NNSA program manager Bob Edlund said. “This is the largest project to date through the Y-12 Site Office’s Small Business Initiative. By being able to tap BWXT Y-12’s experience and expertise working with multiple-party projects like this, Y-12 now has a modern facility that pays homage to our historic past.” —Condensed from The Oak Ridger, Jan. 10, 2006

Y-12 helps a protégé

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ADS is a service-disabled, veteran-owned small business that specializes in security. In 2005, ADS signed a partnership with Y-12’s Vulnerability Assessment Resource Center to provide security advice and consultation to ports and waterways and to provide vulnerability and risk assessment assistance.

“We had an existing relationship with Y-12, but they offered special assistance after Katrina,” said Ken Lanzalaco, vice president of field operations. “Y-12 really helped us pull it together.”

Lanzalaco visited Y-12 in December to discuss future teaming efforts. National Security Programs Director Randy Spickard said, “Y-12 is deeply involved in our mentor-protégé agreements, and with ADS, we’ve been able to take it a step further.”

ADS is a protégé in the Mentor-Protégé Program administered by Y-12’s Socioeconomic Programs Office.
Information exchange targets UPF

Both Y-12 and the Atomic Weapons Establishment in the United Kingdom are benefiting from an agreement to exchange information. The two facilities are at about the same stage of design for proposed uranium processing facilities and have similar missions in their respective countries. Engineers and managers are hoping that sharing information will help strengthen facility design, make the best use of funding and avoid pitfalls. The collaboration began when Pam Horning, former lead for Y-12’s Uranium Processing Facility; Richard Timney of AWE; and National Nuclear Security Administration personnel formed a team from the U.K. and the U.S. to jointly review Y-12’s UPF and AWE’s Enriched Uranium Project.

The team visited each site, received project briefings and site tours, conducted walk-downs of existing processes and facilities and interviewed selected subject matter experts. After evaluation and deliberation, the team provided an outline to management at each company that issued a summary report. Generally, the review validated the approach taken by each site, concluded that each project team was off to a good start and identified some project-specific areas to be closely watched to prevent future concerns. The team’s conclusions were also presented at NNSA headquarters, and the collaboration was deemed a success. Steve Lambson, team lead for the U.S. contingent, said, “Obviously, the uranium processing information exchange has helped Y-12 and AWE. The review team has also recommended continued collaboration on a go-forward basis.”

The project teams are encouraged to share common design elements, analytical approaches to developing safety bases, design and regulatory standards and other information that may be mutually beneficial.

Concluding, Lambson said, “On the whole, it is a valuable and beneficial task, and I am very pleased to be a part of it. I think everyone—from both sides of the Atlantic—feels the same way.”

Angelo receives ANS best paper award

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The winners of the 2005 Defense Programs Awards of Excellence were recently honored for their achievements.

Defence Programs Awards of Excellence recipients

Nuclear Material Inventory Cycle Time Reduction

Classified Items Management Team

Luis Brown, Kathy Bruce, Michael Cantor, Fred Crouse, Susan Darrington, Johnnie Frost, Teresa Goosman, Pat Justice, Teresa Knight, Paul Moyer, Michael Napier, Ramon Orto, Michael Parker, Arvinda Peters, Themis Patel, Sheila Swain, Marvin Thrall, Keith Sowell, Robert Spencer, Joe Stautberg, Ed Tillikainen, and Ben Watts

Modeling of Nondestructive Radiography

Joseph Coastal, Vincent, Lawrence, Art Miller

Y-12 Pollution Prevention and Outreach Team

Gary Horning, Gary Colbert, John Correll, David Deines, Lloyd Duke, Gwyn Eagle, Dallas Fritts, John Gieo, M. Brad Gray, Susan Harvey, Timothy Huben, Janice Gilbert, John, Tom, Claude, Ann Osterhage, Andrew, Patricia, Pam, Wright, Arnie Yager

Delivery of Certified Containers in Support of TX-10 Early Removal

James Bady, Janae Bennett, Rodney Betner, Scott Johnson, Steve McCaughan, Gina Wallen

Production Readiness Assessment Topic Map

Jane Cohen, Tom Insalaco, Robert Kirsch, James Mason

Oxide Conversion Facility Start-Up Team

Mark Albert, Danish, Anah, Peter, Nelson, James, William, Jr., Robert, Carter, Debra, Doug, Amy, Dana, Bruce, Fortune, Sonny, Faye, George, Denise, Michael, Gary, Corina, Paul, Fred, Chris, Rolly, William, Ivan, Bud, Hap, William, Hank, Brian, Dan, John, Paul, William, John, Junior, Bill, Sarah, Jim, Chris, Larry, John, Stan, Mark

Beta-4 Materials

Jim Brown, Dale, Canadas, Ken, Granger, Jerry, Hannity, Clyde, Brady, Brandy, Brandy, Bill, Miller, Walter, John, Sherwood, Joe, Stautberg, James, Zone

Quality Inspection Graphical Feedback System

Ten Bill, William, Can, Vaughn, Chase, William, Harris, But, Leslie, Kent, Light, Page, Long, Robert, Ludtke, Martin, Michael, Mair, Jim, Norvil, Wayne, Pendle

BWX Y-12/Project Support

Peter Angelico, Nicholas, Antonio, Russell, Barb, Barbara, Kingsley, Ron, Kross, Jerry, Lichtenseifer, Tim, Piemonte, Michael, Roberts, Frank, Sweeney, Dennis, Tellado, Susan, Turner, Bill, Walker, Butch, Williams

Machining Limit Resolution Team

Bill Lee, Jr., Rodney, Smart

BWX Y-12 Radiography and Quality Evaluation Team

Larry Carter, Carl, Carrell, Mitch, Gual, Jim, Hummel, Robert, Mab, Doug, Mullins, John, Stanley, Ben, Worth

Explosive Bond Line Ultrasonic Inspection Team

Mathew Glass, Matt, Marais, Bill, Moyer, Larry, Snow

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The PAD team is improving the prototype for eventual plant use by shrinking the size of the device for the next generation. PAD is a trademark of BWXT Y-12, L.L.C.
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