

the Y-12 times

A newsletter for employees and friends of the Y-12 National Security Complex

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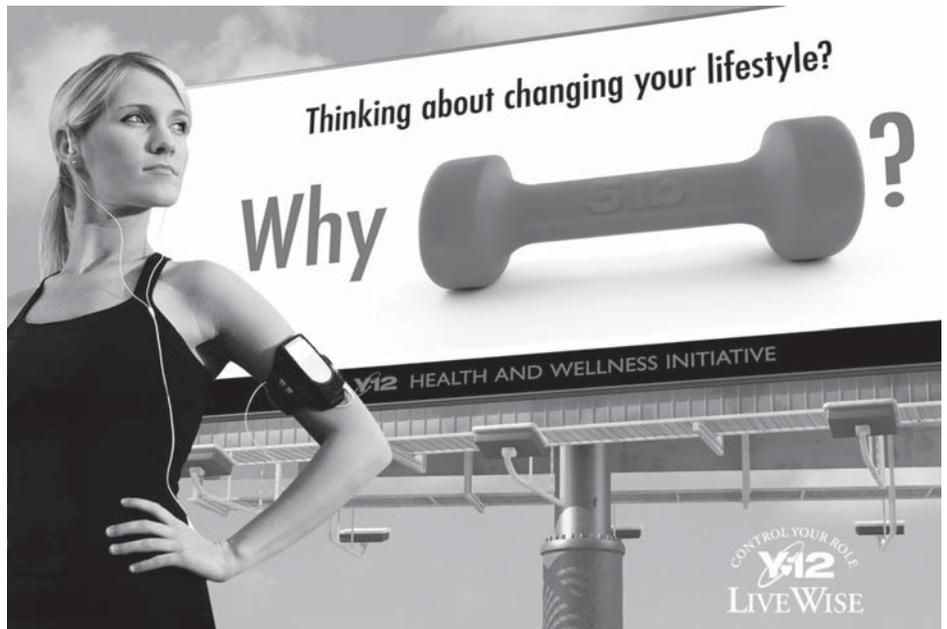
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The 'weight' is over

The first of three LIFE (Lifestyle Intervention For Employees) Centers for Y-12 employees opened June 15, as President and General Manager Darrel Kohlhorst, joined by Y-12 Site Office Manager Ted Sherry, cut the ribbon to the Jack Case Center location.

"I'm pumped up to see the first of the LIFE Centers open," Kohlhorst said. "With an on-site fitness center, employees can schedule a workout around their workday, come early or stay late and use the equipment each center will offer." Employees who choose to use the center during their workday must have supervisor approval.

The LIFE Center offers aerobic equipment (treadmills and elliptical machines) and circuit training. One end of the center is set up to be a classroom-like environment where health education programs and group exercise classes may be held.

The East LIFE Center is scheduled to be ready by July 30. The West LIFE Center is scheduled to be ready by Sept. 30. These two LIFE Centers are conveniently located near work and changehouse facilities and will have special hours for hourly staff.

Kohlhorst shared, "I know from personal experience how easy it is to find an excuse to go home after work instead of going to the gym. These on-site LIFE Centers allow our work force the convenience of already being at the gym location—no stops on the way home are required."

Levette Harris-Bethea, Y-12 wellness coordinator, said, "Later this month, employee teams will be chosen randomly and will have the option to complete an HRA [health risk assessment]." Employees who complete the HRA and develop a plan with a Y-12 wellness coach will receive a \$300 incentive.

See page 3 for photos and more information about the LIFE Centers.

Many Y-12 employees are striving for a healthier lifestyle. The newly opened LIFE Center in the Jack Case Center will help improve employees' chances of a successful lifestyle change. While iPods and MP3 players are not allowed on-site, the LIFE Center elliptical machines and treadmills have built-in TV screens that may provide a boost to exercise routines.

Employees want to know

In the December 2009 reader survey for *The Y-12 Times*, you said you liked the question and answer feature with Y-12 President and General Manager Darrel Kohlhorst. To meet your wants, the editors randomly selected 10 employees to ask Kohlhorst a question. Seven employees accepted the offer, and two of the questions and answers are shared here. Watch future issues of *The Y-12 Times* for more questions and answers.

Q: The various announcements and news discussions associated with President Barack Obama's planned budget freeze are somewhat confusing. Are we currently anticipating a negative impact to Y-12 operations funding for the immediate future? Are there any preparations being made for cost reductions in current Y-12 spending?

—Madgelene Guy, business analyst, Budgets

A: Funding for Y-12 is on an annual basis. The President requests a budget, the House and Senate modify and approve it, and send it back. If he likes it, he approves it, sends it to the U.S. Department of Energy, which passes a share to the National Nuclear Security Administration, and they tell us what's our share. That process takes almost a year with lots of twists and turns. There is always someone at Y-12 working a budget issue or analyzing an impact.

We know how important the budget is to Y-12, our employees and our ability to complete our mission. Our budget for 2010 is solid. With the additional work funded by the American Recovery and Reinvestment Act, we had to add workers. For 2011, it looks strong, although we have reported to Congress there are two categories of work that are underfunded for the work scope defined. We know headquarters is working this issue and has indicated they will solve it. So based on this, our 12- to 18-month forecast looks good. Past that, it's too hard to tell.

As far as cost savings and cost reduction go, we have an outstanding program directed by Nancy Johnson, vice president of Productivity. No other site in the complex has a cost reduction vice president. I am proud of that but more proud of cost reduction results and the effort of every department at Y-12. By the end of 2010, we will have saved more than \$100 million in the last three years for the U.S. government, and not one job was lost or will be lost at Y-12 because of this program. When we demonstrate we can perform a job for less, the extra money is reprogrammed into work that was unfunded. In other words, we do more work or fund new projects, such as our wellness program. This approach helps make our case that if you send funding to Y-12, you will get your money's worth. Every department at Y-12 has productivity goals and everyone who has an idea should talk with their supervisor or send it to Nancy. Please watch for additional articles in *The Y-12 Times* for how some departments have reduced their costs and are having more fun at work.

Q: With the planned future construction projects and reconfiguration of access roads at the site, how will employee access and parking be addressed?

— R. Deron Hendren, emergency preparedness analyst, Emergency Services

A: We are working to ensure Bear Creek Road remains open to east-west employee traffic (even through the Bear Creek Road bypass construction) and provides access to current and future employee parking lots. The migration of parking lots to accommodate recent employee concentration shifts, evolving site plans and future construction has already begun with the addition of up to 800 parking spaces and the opening of the east end property protection area to all employee vehicles this fiscal year. This process will continue on the west end of the plant as we pursue parking (approximately 900 spaces) at the site of the Old Salvage Yard that is being cleaned as an American Recovery and Reinvestment Act project. This area would be made fully accessible to employee vehicles through a proposed initiative to reduce the current Perimeter Intrusion Detection and Assessment System footprint. Finally, detailed protected area portal access counts and studies have been completed, and Safeguards and Security is assessing portal adequacy to ensure employee access flow.

LIFE Center springs into action

Employees shared their first impressions of the LIFE Center when hundreds of them attended the June 15 open house.

"It's a great benefit for the employees of Y-12 and will help me stay in shape in my job as a fireman."

—Bryan Ware, Fire Protection Operations

"I'm very impressed with the resistance training equipment. It's very nice, and I'm excited to have this center here."

—Anonymous

"The Y-12 LIFE Center provides employees the opportunity to utilize state-of-the-art exercise equipment at their leisure."

—Hayley Tipton, Strategic Development

"We've come a long way. To see this center finished is a big achievement for Y-12."

—Mike Watkins, Atomic Trades and Labor Council Safety and Health Representative

"I'm excited the company has set in motion a program that will help me improve my health during my working years and beyond."

—Jerry Hall, Production



In back: Hayley Tipton advises, "Regular exercise is one of the key components to a healthy lifestyle. Having access to an on-site fitness center encourages employees to establish a fitness routine."

Sharing security best practices

Here's a sight you won't see every day. At right, Timofey Tsvetkov, a chief expert with Rosatom, explores a Bearcat at WSI Oak Ridge's Central Training Facility. Tsvetkov was one of seven Russians who visited Y-12 as part of a weeklong effort to share security best practices.

In a National Nuclear Security Administration press release, Administrator Thomas D'Agostino said, "Our nations have a unique responsibility to ensure the security of nuclear material around the world. These meetings highlight our continued commitment to implementing the nuclear security agenda outlined by President Obama and President Medvedev."

Led by Rosatom's Deputy Director General Yevgeniy Sofyin, Rosatom experts observed force-on-force demonstrations, systems performance testing and presentations on the practical implementation of personnel reliability programs. The Russians also visited Washington, D.C., and Lawrence Livermore National Laboratory during the week.



Oak Ridge team wins Shootout in the Smokies

The WSI Oak Ridge team won this year's Security Protection Officer Team Competition with a score of 904.673 points out of a possible 1,000. The four-day event, held at the Central Training Facility (CTF) May 24–27, included U.S. Department of Energy (DOE), National Nuclear Security Administration, military and police teams. One British team and two Canadian teams competed as well.

The competition featured 14 five-man teams and three four-man teams. Nine DOE teams competed for the prestigious Secretary's Trophy. The five-man teams competed in eight events designed to test their physical fitness, marksmanship and tactical skills. The "super team" event on Thursday was a combination of the week's previous events.

Arnold Guevera, director of the National Training Center in Albuquerque, said the competition "tests [the officers'] skills to provide effective nuclear security." He also noted that the stress of the competition brings the mental component of these officers' preparedness into play. "Everybody steps up his or her game."

Justen Parker, who manages the CTF for WSI Oak Ridge, believes the competition improves protection of nuclear material. "It makes them better fighters," he said.

Lee Brooks, senior vice president and general manager of WSI Oak Ridge, was certainly proud of his team's performance. "This competition ... called for a show of everything they had. I knew the competition would be tough because this is the best of the best in armed security police officers, so I couldn't be more pleased with the WSI Oak Ridge team's success."

Security police
sporting new
army combat
Enterprise-wi
cost as well as
regard to the
to Major Pitt T
combat-prove
advantage and
warm weather



Members of the WSI Oak Ridge team participate in the Security Protection Officer Team Competition, Shootout in the Smokies, at the Central Training Facility.

Officers at Y-12 will soon be in new uniforms. The transition to these uniforms is a Nuclear Security Administration initiative designed to decrease costs and enhance a sense of unity with other sites' collective mission. According to a report from WSI Oak Ridge, these new uniforms provide a tactical advantage and are more comfortable during long shifts.



Putting a stamp on recycling



From left, Dale Wilson, Larry Clements and Jamie Wright, all of Safeguards, Security, and Emergency Services, look over a collection of classification stamps. Wright devised a productivity and process improvement project involving recycling the stamps. When a derivative classifier or unclassified controlled nuclear information reviewing official no longer needs a particular stamp or retires, he or she can return it to Wright, who checks the stamp for accuracy and compliance with requirements and then inventories it for others to use. Noncompliant stamps are destroyed. Some stamps have even been donated to the Y-12 History Center at New Hope Center.



Y-12's security systems engineers rival MacGyver

"Well, when it comes down to me against a situation, I don't like the situation to win." —MacGyver
"The Road Not Taken," an episode of "MacGyver"

Y-12 has a squad of "MacGyvers" who don't like the situation to win either. And with Y-12's aging infrastructure, they do find themselves working against many situations.

Most Y-12ers have not met this team, but they are certainly popular when things go bump in the night. One of the engineers responsible for the central alarm system said he's often called in to work off-hours. "We have to keep the systems working 24/7."

The systems are reliable, but maintaining more than 300 badge readers, several thousand sensors and hundreds of cameras is quite the balancing act for the relatively small staff.

According to Mike Lowe, Security Systems Engineering manager, his team is charged with

maintaining systems that were installed as an afterthought in buildings that are now decades old. "Our mission is to maintain and upgrade these systems to ensure continued operability while integrating systems into the design for new facilities, like the Highly Enriched Uranium Materials Facility."

The scope of work is challenging enough, but these engineers also struggle against a plant perception that the security systems only serve to slow down productivity. "We evaluate the protection requirements and focus on the least-restrictive and most cost-effective systems solutions," noted Lowe. Consider entering the protected area. Without automated security systems, processing each employee would require several minutes instead of seconds.

When protecting nuclear material is the situation, Y-12's security systems engineers will win. Our national security depends on it.

Y-12 employees Relay for Life



The Construction organization sold 590 tickets to their BBQ picnic and raised \$3,621 for Relay for Life.

Y-12 employees planned and participated in Relay for Life activities during May to raise money for cancer research. Olin Brewer, Plant Shift Superintendent's Office, was the 2010 Y-12 team captain and commented, "It's a tough economy out there, but Y-12 employees really stepped up to make this fundraiser a success."

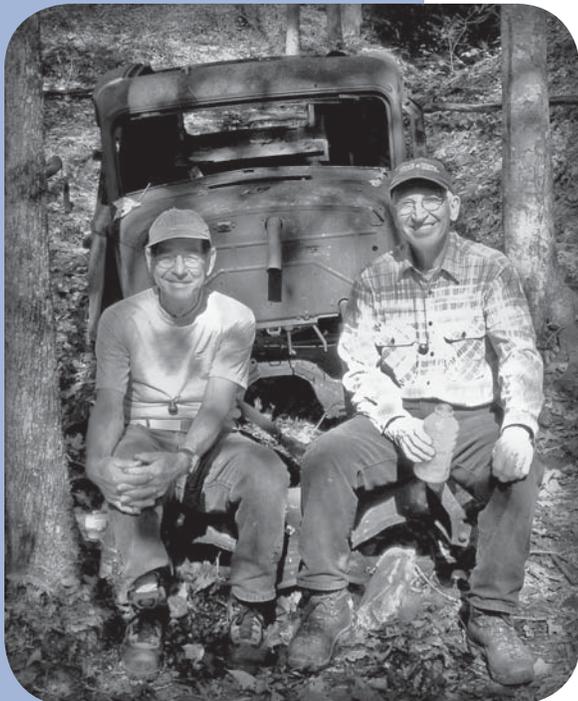
Several Y-12 organizations planned individual fundraisers. Engineering, Production and Construction held bake sales while several organizations contributed to a silent auction. Construction also hosted a BBQ picnic, and Production organized a Chik-Fil-A luncheon. Joining the effort, Y-12 Productivity hosted a salad bar and Transformation and Projects organized a burrito bar.

Kevin Bradford of Project Controls said, "We sold more than \$900 worth of burritos that day and raised an additional \$400 selling ice cream." Bradford, like so many others, became

involved because of a personal experience with cancer. "Relay for Life is very meaningful to me because I have a close friend who beat an aggressive type of cancer a few years ago."

The main Relay for Life event took place on the Oak Ridge High School track May 21. Team members camped out and took turns walking, keeping a representative on the track at all times. At the end of the day, Y-12 donations totaled \$18,000. Brewer expects that total to reach \$30,000 by August when the Y-12 team donation period ends.

Nearly 1.5 million Americans are diagnosed with cancer each year. To make a donation, call Brewer at 574-1376.



Tom Goodpasture (right) with Erb Mowery on a 34-mile backpacking trip in the Smokies.

About as good as it gets

Tom Goodpasture, who retired in 2003, says nobody has it better than he does. "I thank God for my good health this late in life," he said.

He and Erb Mowery, another Y-12 retiree, hike about once a week throughout the year. They have trekked all the trails in Frozen Head State Park and Lone Mountain State Forest and many of the peaks in the Cumberland Mountains. In the Great Smoky Mountains, they have covered about 900 miles. "Each season offers something special," he noted. "Like in winter, you can see so much farther without the leaves."

Several times a week "just to keep in shape," Goodpasture, carrying a 45-pound pack, strikes out on a short trail up Walden Ridge at the eastern edge of the Cumberland Plateau, where he has lived for 40 years.

He still volunteers as a leader with the Boy Scouts (Troop 224), after more than 40 years as scoutmaster for Troop 220, which he helped start in 1967. He also makes time for delivering food from Second Harvest to the Highland View Church of Christ food pantry once a week.

He and his wife, Mildred, often with their children and grandchildren, take trips all around the U.S. and Canada.

Goodpasture said he decided to retire from Y-12, after 49 years, nearly all of which were spent in the Optical Emission Spectrometry Laboratory of Analytical Chemistry. "I wanted to be sure I didn't leave too early and miss work," he laughed.

Around Y-12 ...

- **Y-12 will sponsor the Tenth Annual Readiness Workshop on Aug. 17–18** at the Hilton Knoxville Airport Hotel. Y-12 employees wanting to attend must register individually online at <http://www-qa.y12.doe.gov/news/events/readiness/>. The registration is \$150. For more information, e-mail ReadinessWorkshop@y12.doe.gov or contact Cindy Bailey (241-5173).
- **Y-12 hosted limited tours June 19 as part of the 2010 Secret City Festival.** The one-hour tours included a stop at Building 9731 and marked the first time the building was opened to the public. See the August issue of *The Y-12 Times* for a detailed story.
- **More than 90 children entering grades 8 through 12 this fall visited Y-12 June 10 as part of the 2010 Bring Our Children to Work Day.** Children toured Y-12, visited the American Museum of Science and Energy and the Central Training Facility and learned about the many career opportunities Y-12 offers.
- **The dedication of Y-12's new steam plant was held June 15.** Gerald Talbot and Dino Herrera of National Nuclear Security Administration headquarters attended the dedication. The new plant, which replaces a coal-fired plant in operation since the 1950s, will be better for the environment, far more efficient and key to ongoing transformation of the site.
- **Employees working on the Uranium Processing Facility (UPF) celebrated 1 million safe work hours June 3.** Phil Schuetz, UPF project manager, said, "Some may question why we're making such a big deal about this now when we're at the design stage of the project, but safety is something we've emphasized since day one and will continue to push every step of the way—throughout UPF's design, construction and operation."
- **The Pollution Prevention team awarded four area organizations with a \$200 donation thanks to employees' recycling efforts and the Aluminum Beverage Can Committee.** Haven House, HonorAir, the Michael Dunn Center and Newborns in Need received a donation.
- **Y-12's Julie Gamble, Glen Hill and Keith Wilson recently attended the 19th Annual Top Wrench Competition in Alcoa.** Students from several area technical schools competed in building a car from scrap metal parts and were judged on creativity, craftsmanship and welding. Hill, who served as a judge, said, "I was very impressed with and inspired by what these students built in a matter of hours."

Ted Sherry, National Nuclear Security Administration Y-12 Site Office manager, and Bill Klemm, B&W Y-12 senior vice president and deputy general manager, enjoy the good weather and company at this year's labor-management golf tournament held May 22 at Oak Ridge Country Club. Twenty-eight teams (112 players) participated. The top three winning teams were Darrel Kohlhorst, Jeremy Benton, Steve Henegar and Dale LaCount (first place); Eric Nolan, Doug Guinn, Patrick McKenzie and Jeff White (second place) and Lennie Winston, Rick Valentine, Rick Craze and Joey Lloyd (third place).



SERVICE



NNIVERSARIES

JULY

45 years

Production: **Harvey L. Stevens**

42 years

Production: **Millard N. Wilkerson Jr.**
Programs and Quality: **Ronald P. Allen**

41 years

Compensation Management: **Daniel D. Cottrell**

Resource Management: **Victoria Steward**
and **Garry M. Whitley**

40 years

Plant Services: **Amos R. Chandler**
Production: **Charles H. Neal**

Programs and Quality: **Gary W. Eckert**
and **Thomas D. Newman**

Resource Management: **Erby L. Harris**
and **Thomas R. White**

Utilities Management: **David Vann**

35 years

Communications Services: **Jack L. Loveday**

Production: **Larry E. Galyon**

Resource Management: **Jack Gallaher**

30 years

Applied Technologies: **Joel T. Shor**
Nonproliferation and Nuclear Security:

Alice C. Lay

Programs and Quality: **Robert E.**

Reynolds

Technology Transfer: **Tammy B.**

Graham

25 years

Budgets: **Sandra S. Babb**

Production: **Emery E. Soler**

20 years

Information Technology: **Rick A. Lewis**

Production: **Steven W. Watson**

Programs and Quality: **Carolyn J.**

Johnson

Radiological Control: **Deborah A. Barker**

Utilities Management: **Karla F. Wright**

United Way Campaign Kickoff

July 26

Contact: Steve Sanders
574-1951

East Tennessee Veterans Business Conference

Aug. 3
New Hope Center

Contact: Gloria Mencer
576-2090

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A historic item returns home



A flag given to William Earl Bartlett Sr. when he left Y-12 in 1943 to serve in World War II is now back at Y-12 and on display in the Y-12 History Center.

As we celebrate Independence Day, consider the significance of a historic artifact recently returned to Y-12 after 67 years. In 1943, when Y-12 was just being built, the flag that flew at the site had only 48 stars. The last two states, Alaska and Hawaii, weren't yet added to the union. Alaska became the 49th state Jan. 3, 1959, and Hawaii was admitted Aug. 21, 1959. One of those original flags that flew over Y-12 the first year of its existence has returned home.

William Earl Bartlett Sr., a Local 51 sheet metal worker from Chattanooga, was working at Y-12 in 1943. When Bartlett left Y-12 for the Navy, going to fight in the war Y-12 workers were trying to help win, he was presented this now historic flag as a going away gift. The flag was taken down from the flagpole at Y-12 and presented to Bartlett with great ceremony.

Earlier this year, William Edward "Eddie" Bartlett, the senior Bartlett's grandson, donated this flag to Y-12, completing a 67-year journey of the special flag. Eddie said that he was proud of the treasured gift given his grandfather by Y-12 and wanted to return the flag as a special commemorative gesture in honor of his grandfather's memory.

Visit the Y-12 History Center at the New Hope Center, which is open to the public from 8 a.m. until 5 p.m. Monday through Thursday, to see other unique and historic items. If you have any historical artifacts related to Y-12 and want them included in the display at the Y-12 History Center, please contact Ray Smith, Y-12 historian (smithdr@y12.doe.gov; 865-576-7781).