

Security Awareness Integration of Safeguards and Security Programs

Nancy Cross
April 30, 2008





- About Y-12
- Computing
- Directives & Guidance
- Human Resources
- Office Tools
- Reference
- Safety & Health
- Security
- Services
- Training & Development

Voluntary Separation Payment Program



News Community How Do I Benefits

The Y-12 Times Emergency Info Employee Concerns Q&A Connection

Inside Y-12

"If nothing ever changed, there'd be no butterflies." As we indicated earlier, changes are coming to YSource. Everyone knows handling changes to a much-used resource like YSource brings opportunities to become familiar with new favorite features and to get used to learning new ways to navigate to your old favorites like news and announcements. more...

Announcements View All

Submit announcement

- Plastic bottle recycling: Friday, May 2
- ATLC offers ATLC Community Action Fund raffle tickets
- Y-12 Sales will be closed on Tuesday, April 29, from 7:30 until 9:30 a.m.
- Charging practice for Employee Safety Teams
- Badge readers at personnel monitoring stations being replaced
- OHS will see emergencies only from 7 a.m. till 12 noon, Wed., April 30
- Event Reporting — another integral part of CAS
- "Dropped" thumb drives: phishing attempts
- Applications being accepted for potential protégés
- Y-12 celebrates Earth Day 2008
- Day of Volunteering project list and forms
- VSPP for hourly employees
- Letter: Bill Reis & Garry Whitley on Volunteer Day
- Update on vehicle pool at JCC and NHC

Local/Regional News View All

- U.S. DOE and TVA increase cooperation on Nuclear Fuel Cycle Data
- Earthfest 2008 to be held Saturday
- East TN's Cades Cove Loop Road to undergo repairs

National/World News View All

- Stimulus payments starting early
- Ship contracted by U.S. military fires warning shots
- FDA takes closer look at Lasik complaints



Ken Lewis of Safety Analysis Engineering will receive the highest honor offered to alumni from the University of Illinois at Urbana-Champaign College of Engineering. Lewis will receive the Alumni Honor Award for Distinguished Service in Engineering at the Awards Convocation April 25. Selection criteria include professional distinction through outstanding leadership in planning and direction of engineering or contributions to knowledge in the field of engineering.

Alert! Outlook/Exchange Outage, Sun., 4/27/08, 9:00 PM (EDT)

Text Size: A A A Conditions: Light Rain Temp: 61°F (16°C) Humidity: 90 % Wind: Calm Forecast Air Quality Index Traffic Report School Closings

Safety Today One of the requirements of the Y-12 Storm Water Pollution Prevention Plan is to maintain a clean and orderly facility. more... BBS

Security Matters How do I classify my document? more...

- Useful Sites
- AJHA
- Computer Accounts
- Conference Rooms
- Email Web Access
- Job Postings
- Just in Time Forms
- Lessons Learned
- Organization Charts
- Procedures/Policies
- Service Notification
- Swap List
- Workflow Inbox



About Y-12

Computing

Directives & Guidance

Human Resources

Office Tools

Reference

Safety & Health

Security

Services

Training & Development

Voluntary Separation Payment Program



You are here: Home > All announcements > Announcement Search Results

Announcement Search Results

Portal 5 to close temporarily to vehicles (03/31/2008)

Portal 5 will be closed to vehicles April 7-21 because of construction. During this closure, vehicle traffic will be rerouted to Posts 13 and 17. Personnel in vehicles are encouraged to use Post 17 because of high traffic volume at Post 13.

View [map of portal locations](#).

For more information, contact [Earl Lewis](#) at 241-9546.

Portal 5 construction to begin Jan. 21 (01/15/2008)

Construction will be working in and around Portal 5 beginning Jan. 21 and continuing through May 1. Anyone using Portal 5 during this time should exercise caution. Employees are encouraged to watch for conditions that may change daily.

Please direct questions and concerns to [Earl Lewis](#), 241-9546.

Transportation and parking for the ES&H Expo (10/22/2007)

New Hope Center Residents:

New Hope Center residents should park at Portal 5 on Wednesday morning. A shuttle will be provided from 5:30 to 8:00 a.m. from Portal 5 to [NHC](#) for residents only. Transportation to Portal 5 will be provided for [NHC](#) residents until 5:30 p.m.

All Other Y-12 Plant residents:

All Y-12 employees and subcontractors should park inside the plant as on a normal business day. Shuttles will begin transporting employees from Jack Case Center and Post 10 (Pine Ridge parking lot) at 8:30 a.m. and will run continuously until 4:30 p.m. A tent will be set up in the [JCC](#) and Post 10 parking areas to designate the shuttle pick up point.

Tents will be set up at Portal 5, [JCC](#), and Post 10 to designate the shuttle pick-up points.

Volunteers:

A shuttle will depart from [JCC](#) at 8:15 a.m. for all first-shift volunteers. Volunteers working throughout the day should use the shuttles. Transportation will be provided for volunteers who assist with clean-up after the Expo.

Text Size: A A A
Conditions: Light Rain
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Forecast
[Air Quality Index](#)
[Traffic Report](#)
[School Closings](#)

Useful Community Sites

[Emp Recognition Prog](#)
[Job Postings](#)
[Matching Gifts Prog](#)
[Lost and Found](#)
[My Info](#)
[Recycling](#)
[Property Sales](#)
[Ride Share Program](#)
[The 401\(k\) Company](#)
[Scholarship Info](#)
[Support Our Troops](#)
[Other Popular Sites](#)



- About Y-12
- Computing
- Directives & Guidance
- Human Resources
- Office Tools
- Reference
- Safety & Health
- Security
- Services
- Training & Development

Voluntary Separation Payment Program



You are here: [Home](#) > [All announcements](#) > [Announcement Search Results](#)

Announcement Search Results

No ogling for Google at Y-12 (03/26/2008)

Many employees are probably aware of the high-quality satellite photos available on Google Earth. Most recently, however, the internet company has been banned by the Pentagon, as reported in *USA Today*, for showing street-level photos of a Texas military base.



Be aware that Google Mapping uses special apparatus on vehicles, including still and video cameras and global positioning system recording devices. Some examples are shown here. Note that all the vehicles are regular cars and vans and only one has a Google logo posted on the side.

Y-12 Safeguards and Security and the Oak Ridge Office of Counterintelligence want to remind you that these vehicles are not permitted on site for any reason. Attempts to gain entry to several other U.S. Department of Energy and National Nuclear Security Administration sites, including the Y-12 National Security Complex on at least two occasions, have been reported and thwarted.

Google sometimes attempts to enlist contractor employees or their relatives in these mapping efforts because of their familiarity with the geographic locations or facilities.

Any attempts to employ you or your family members in or around Y-12 should be reported to the Plant Shift Superintendent's Office immediately.

These mapping activities pose obvious security concerns, and employees should not allow GPS equipment or still or video cameras to be mounted to their vehicles that enter the site. If you observe vehicles of this type in the Y-12 area, please report the sighting to the PSS.

For more information, contact the Plant Shift Superintendent's Office at 574-7172.

August Computing News (08/07/2006)

The August issue of *Y-12 Computing News* is available. You may view and print the whole issue by [clicking here](#).

Text Size: [A](#) [A](#) [A](#)
 Conditions: Light Rain
 Temp: 61°F (16°C)
 Humidity: 90 %
 Wind: Calm
Forecast
[Air Quality Index](#)
[Traffic Report](#)
[School Closings](#)

- Useful Community Sites**
- [Emp Recognition Prog](#)
 - [Job Postings](#)
 - [Matching Gifts Prog](#)
 - [Lost and Found](#)
 - [My Info](#)
 - [Recycling](#)
 - [Property Sales](#)
 - [Ride Share Program](#)
 - [The 401\(k\) Company Scholarship Info](#)
 - [Support Our Troops](#)
 - [Other Popular Sites](#)

- News
 - Community
 - How Do I
 - Benefits
- About Y-12
 - Computing
 - Directives & Guidance
 - Human Resources
 - Office Tools
 - Reference
 - Safety & Health
 - Security
 - Services
 - Training & Development

Voluntary Separation Payment Program



You are here: [Home](#) > Security Matters

Security Matters

How can I protect my home computer from hackers?

The use of a "personal firewall" is essential to protect your home or laptop computer from hackers. Without a firewall program that blocks access to your computer from the Internet, your PC can become infected with viruses or spyware in seconds. Windows (XP SP2 and Vista) has a built-in firewall option that blocks access to your computer. A stronger firewall monitors the information going to and from your computer; it will stop any traffic that you do not approve. These firewalls block outbound data you do not permit. The software may be "noisy" at first because of the pop-up warning windows, but with each use, you set defaults for the program to use.

For more tips, consult Cyber Security's Home Computer Security Awareness **material**. You also may send a home computer security question to cyber-question@y12.doe.gov.

View the [Safeguards and Security Newsletter](#).

For more about security matters — from badges, clearances and foreign travel to prohibited articles, nuclear material control and property removal/loss — visit the [Safeguards and Security website](#).

YSearch Search

Index: A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

Conditions: Light Rain
Temp: 61°F (16°C)
Humidity: 90 %
Wind: Calm
Forecast
Air Quality Index
Traffic Report
School Closings

Security Condition:
SECON-3

- Useful Sites**
- AJHA
 - Computer Accounts
 - Conference Rooms
 - Email Web Access
 - Job Postings
 - Just in Time Forms
 - Lessons Learned
 - Organization Charts
 - Procedures/Policies
 - Service Notification
 - Swap List
 - Workflow Inbox
 - YBuy
 - Other Popular Sites



Inside Y-12

Workplace Etiquette, the considerate co-worker

We've all had our share of good laughs over the Dilbert© cartoons and have even clipped and posted the ones we're sure were based on situations we've endured with our own co-workers and managers, right? Working together should be pleasant and productive. Whether you have a walled office or a workstation, the keys are mutual respect and consideration for our co-workers. All should model good behavior and expect the same from co-workers. We must share the responsibility of creating and maintaining a productive environment. [more...](#)



To help Safeguards and Security gain insight into how effectively it communicates security-related information, please visit the S&S website and take a few minutes to complete the **communications survey**. Those completing the survey by Friday, Dec. 7, will be entered in a drawing for a dinner certificate.

Announcements [View All](#)

[Submit announcement](#)

- [PKI/Entrust Outage, Sat., 11/17/07, 10:30 AM \(EST\)](#)**
- [No long-term care deductions taken this week](#)**
- [All Hands band dedications](#)**
- [Books are Fun Book and Gift Fair continues at Jack Case Center](#)**
- [All-Hands meeting today](#)**
- [RADCON survey requirements](#)**
- [Post 8 pedestrian portal closed Friday](#)**
- [Changes to thick clients and their SecureWave Sanctuary configuration](#)**
- [Fantasy of Trees benefits Children's Hospital](#)**
- [Book Fair comes November 13, 14 and 15](#)**
- [Signed copies of No. 1 best seller to be auctioned](#)**
- [Charging practice for the All Hands Meeting](#)**
- [Books Are Fun, coming Nov. 13-15, 2007, to Jack Case North Wing break area](#)**
- [IAEA new job postings](#)**
- [ISA November meeting on cyber security to be held Nov. 15](#)**

Local/Regional News [View All](#)

- [Satirical ranking of party schools puts UT No. 8](#)**
- [Burchett urges County Commission to pass pit bull law](#)**
- [Water to be pumped for Jefferson Co. farmers](#)**

National/World News [View All](#)

- [Indoor smoking bans slowly moving outdoors](#)**
- [Delta, United talk merger](#)**
- [Safety group releases '10 Worst Toys' list](#)**

United Way 2007
[Contribute via eCard](#)
[Visit the UW website](#)

More Community News
[Tuning up the nation's stockpile](#)
[What's in a name?](#)

Safeguards and Security

Security is everyone's responsibility

- People
- Property
- Information
- Resources
- Contacts
- Comments
- Related Links
- PDF Help

Communications Survey

Home >> Communications Survey

Safeguards and Security Communications Survey

Safeguards and Security uses a variety of communications methods to ensure Y-12 employees and subcontractors are aware of security-related information. Please rate each of the following communications methods according to how useful you perceive them to be. Select the option that best reflects your opinion.

How useful are the following methods?

1. Safeguards and Security Sentinel (appears quarterly in the BWX Tymes)

- Very useful Somewhat useful Not useful
 Unsure

2. Bulletins (i.e., security awareness, classification awareness)

- Very useful Somewhat useful Not useful
 Unsure

3. YSource announcements about safety and security topics

- Very useful Somewhat useful Not useful
 Unsure

4. YSource articles on safety and security topics

- Very useful Somewhat useful Not useful
 Unsure

5. The Safeguards and Security website

- Very useful Somewhat useful Not useful
 Unsure

6. PSS announcements

- Very useful Somewhat useful Not useful
 Unsure

7. Site-wide emails

- Very useful Somewhat useful Not useful
 Unsure

8. Videos on topics such as biometrics training, OA preparation, etc.

- Very useful Somewhat useful Not useful
 Unsure

9. Rate the following

Rate the following Safeguards and Security communication methods on a scale of 1 to 9, labeling the one you prefer most as "1" and the one you prefer least as "9" and so forth.

- | | | |
|---|--------------------------|--|
| 1 | <input type="checkbox"/> | Safeguards and Security Sentinel |
| 1 | <input type="checkbox"/> | Bulletins (i.e., security awareness, classification awareness) |
| 1 | <input type="checkbox"/> | YSource announcements |
| 1 | <input type="checkbox"/> | YSource articles |
| 1 | <input type="checkbox"/> | Safeguards and Security website |
| 1 | <input type="checkbox"/> | PSS announcements |
| 1 | <input type="checkbox"/> | Site-wide emails |
| 1 | <input type="checkbox"/> | Videos |
| 1 | <input type="checkbox"/> | Other |

If other, please enter method:

10. Your opinion

Overall, how informed on security-related matters do you consider yourself to be today compared to this time last year? Please choose the option that best reflects your opinion.

- Much more informed
 Somewhat more informed
 About the same
 Somewhat less informed
 Much less informed
 Unsure

11. Rate the following

Please rate how timely you think Safeguards and Security communicates with the Y-12

population on security-related matters (i.e., do you think you're informed of policies, issues, etc., in a timely or untimely manner?).

- Very timely
- Somewhat timely
- Not timely at all
- Unsure

12. In your opinion

What does Safeguards and Security do well in communicating to the Y-12 population? (Note: If there is any question about the classification of your response, you must have it reviewed by a derivative classifier before submitting.)

13. Your thoughts

What do you think are some ways Safeguards and Security might improve communication with the Y-12 population? (Note: If there is any question about the classification of your response, you must have it reviewed by a derivative classifier before submitting.)

Submit Form

Thanks for your feedback!

Submit



SECURITY AWARENESS BULLETIN

NUMBER 08-002

Issued: February 2008

Expires: February 2010

Social Networking Website Threats

Many individuals use social networking to communicate globally. Numerous websites (e.g., My Space, You Tube, Facebook.) have practically appeared overnight. However, as with most technical advances, there are some previously unanticipated risks. These risks include identity theft, corporate espionage, and actual physical harm. In some instances, well meaning individuals have included seemingly harmless professional information (e.g., job title, description, address, and pictures) on these kinds of websites.

Be aware that most information related to your job at Y-12 is probably sensitive. Only individuals with a need to know should be privy to this information. In some instances, compromise of this information could lead to being targeted by another country's intelligence service or those involved in corporate espionage.

Additional dangers include listing too much personal identifiable information (PII) that could lead to identity theft or even stalking incidents or physical injury. This information could include data about your family, where they go to school or work, or hours of work during which your home and personal possessions may be unattended.

Of course, the best advice is to never publish personal information on a public website. If you do develop a personal website, remember these suggestions:

- Carefully scrutinize information of a professional nature you intend to publish. When combined with personal information, you could reveal more than you intend.
- Set up a dummy e-mail account with a free e-mail provider that makes it more difficult for someone to trace back to you.

For some real life examples, check out "Killing with Keyboards" at

<http://www.smdc.army.mil/g2/docs/killingwithkeyboards.pps>

If you have any questions, please contact your Operations Security Working Group representative (<https://www-internal.y12.doe.gov/~opsec/group1.htm>).

Willis L. Clements /s/

Willis L. Clements, Vice President
Safeguards and Security

WLC:jac

This document has been reviewed by a Y-12 DC/UCNI RO and has been determined to be UNCLASSIFIED and contains no UCNI. This review does not constitute clearance for Public Release.

Reviewed By: *Betsy Crawford /s/* Date: *2/25/08*

by design

Security

With HEUMF literally on the Y-12 horizon and UPF in its design stages, an effective security strategy is crucial.

While several of us are enjoying our work environments in Jack Case and New Hope, the Protective Force continues to enhance and improve its strategies in response to the challenges presented by our new uranium structures: the Highly Enriched Uranium Materials Facility (HEUMF) and the Uranium Production Facility (UPF) as well as future facilities.

"You might never have considered defending the facilities' contents and personnel, but both facilities incorporate radically different environments in which material will be consolidated, stored and eventually produced in an entirely new manner," said Jeff Knott of Safeguards and Security. "To ensure security at HEUMF, for example, physical barriers and fighting positions have been incorporated to allow effective response with significantly fewer people."

New facilities and tactics lead to new training requirements. For maximum effectiveness in this new environment, the ProForce needs time to practice the tactics before the facility is loaded—or occupied with material.

A training facility is required to meet this challenge and is in the planning stages. This new facility will be configured to replicate the security features and physical structures of HEUMF, UPF and future facilities. Also, this facility will provide opportunities for improved individual offensive and defensive tactical engagement, team tactical movements and command-and-control training. The facility will be equipped to prepare security forces for the advanced technological features integrated into the new Y-12 facilities.

So, as you look at HEUMF, know that its built-in protection and defense have been carefully planned and conscientiously executed.

EM: a 'top-tier' program

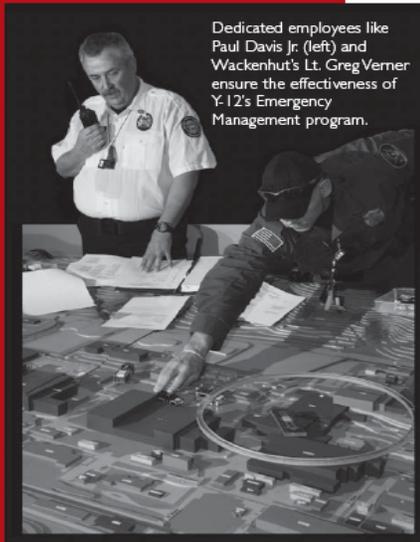
The team lead for a recent independent oversight inspection described Y-12's Emergency Management (EM) program as a "top-tier" program that was clearly one of the two best in the U.S. Department of Energy Complex.

In touting this significant accomplishment, Butch Clements, vice president of Safeguards and Security, praised the leadership of Robert Gee, EM manager, and Lorry Ruth, Emergency Services manager, as well as the contributions of the great team they have assembled.

Clements also noted the many employees of Y-12 and Wackenhut Services, Inc.—Oak Ridge staffs who support the program and provide cadre members to the Technical Support and Emergency Operations centers.

It takes at least 400 people to staff Y-12's Emergency Response Organization (ERO), and Gee and Terry Nore of EM have nothing but praise for those contributors. Nore, who has 30 years of EM experience at DOE sites and in the military, lauded Y-12's people and program as the best he's seen. Most remarkable, said Nore, is the dedication and desire of the staff and ERO cadre to continuously improve the program. "No one has the maintenance mentality," he noted.

There is a theme here, and that is what you do counts. Whether it's the steady contributions of EM staff and ERO cadre members, support from Cindy Bailey and Jean Mounger in the Audit Center, oversight by Scott Hawks of the Y-12 Site Office, or the pre-fire planning provided by Luis Revilla and Ralph Honeycutt in Fire Protection, it's the people who make the difference.



Dedicated employees like Paul Davis Jr. (left) and Wackenhut's Lt. Greg Verner ensure the effectiveness of Y-12's Emergency Management program.