

Tank-farm contractor on track to meet milestone

CH2M HILL Hanford Group, Inc. is on track to meet the regulatory milestone of removing all but two percent of the pumpable liquid waste from Hanford's single-shell tanks by the end of September.

CH2M HILL, the prime tank-farm contractor for ORP, has transferred approximately 530,000 gallons of liquid waste since October 2002. An additional 33,000 gallons needs to be removed by Sept. 30 to meet the consent-decree milestone.

"This is real risk reduction," said Steve Wiegman, senior technical advisor for the Department of Energy's Office of River Protection. "Moving waste from these older single-shell tanks reduces the risk of further harm to the environment as we get ready to treat the waste and close Hanford's tanks."



CH2M HILL tank-farm workers prepare for another day of pumping radioactive liquid waste out of Hanford's single-shell tanks.

CH2M HILL is removing the pumpable liquid wastes under an aggressive schedule negotiated by DOE and the Washington State Department of Ecology in 1998. One hundred thirty-six single-shell tanks have already been "interim stabilized," as defined by the consent decree and agreed to by Ecology. Of the remaining 13 tanks, two are being evaluated to confirm satisfaction of interim-stabilization criteria, eight are available for pumping and the other three have suspended pumping and were transitioned from interim stabilization to retrieval.

ORP and CH2M HILL have until September 2004 to remove the remaining 61,000 gallons of pumpable liquid waste from the single-shell tanks. ■

Picture Pages



WTP's FIRST STRUCTURAL STEEL: The Waste Treatment Plant Project's first structural steel was placed inside the Low-Activity Waste Vitrification Facility nearly three months before the Tri-Party Agreement construction-progress milestone. On July 24, ironworkers installed about 15 tons of steel to support the first floor and the above-grade walls of the facility. "This accomplishment is the culmination of a lot of hard work by our Engineering, Construction, Permitting, Design and Procurement departments and their support staffs, along with the efforts of the Department of

Energy, the Washington State Department of Ecology and the Environmental Protection Agency," said WTP Project manager Jim Betts. The basement perimeter walls are being backfilled with dirt, so the facility will appear to rise out of the ground as 5,100 tons of structural steel columns and beams are placed over the next four years.

WATER FOLLIES VOLUNTEERS: Vikki Ballew, who organized the volunteers of the Fluor Community Involvement Team to serve on the Pasco side of the Columbia River at this year's Tri-Cities Water Follies, collects the parking fee from a boat-race fan. Other volunteers helped with security checks for alcohol and glass, or simply patrolled along the Pasco side to serve as additional eyes and ears for police officers. The FCIT has been working at the Water Follies for the past five years, and this year more than 75 of its volunteers put in more than 900 hours during the two-day event.



60 Hanford 1943-2003 Years

The Hanford Site
celebrates 60 years
of protecting America



BUYING BONDS FOR DREAMS: E.S. 'Curley' Williamson, a painter at the World War II Hanford Engineer Works, bought government bonds where he worked. This Louisiana native had served in the military on Midway at the beginning of World War II. He had been working at Hanford seven months when he was interviewed by a *Sage Sentinel* reporter and answered the "Question of the Week: What are you doing with your war savings bonds?" Williamson's photo and answer appeared in the June 9, 1944 issue. He said, "Sure, I know what I'm going to do with my bonds....buy a tourist lodge in Shreveport, Louisiana. I've got the spot picked out, too. Right on a bayou near home." The photo is from the archives of the East Benton County Historical Museum, 205 Keewaydin Dr. in Kennewick.

State Department issues worldwide caution announcement

The following statement was issued by the U.S. Department of State on July 29:

This supersedes the Worldwide Caution dated April 21, 2003. It is being issued to remind U.S. citizens of the continuing threat of terrorist actions that may target U.S. citizens and to update these potential threats. The U.S. Government remains deeply concerned about the security of U.S. citizens overseas. U.S. citizens are cautioned to maintain a high level of vigilance, to remain alert and to take appropriate steps to increase their security awareness. This Worldwide Caution expires on January 26, 2004.

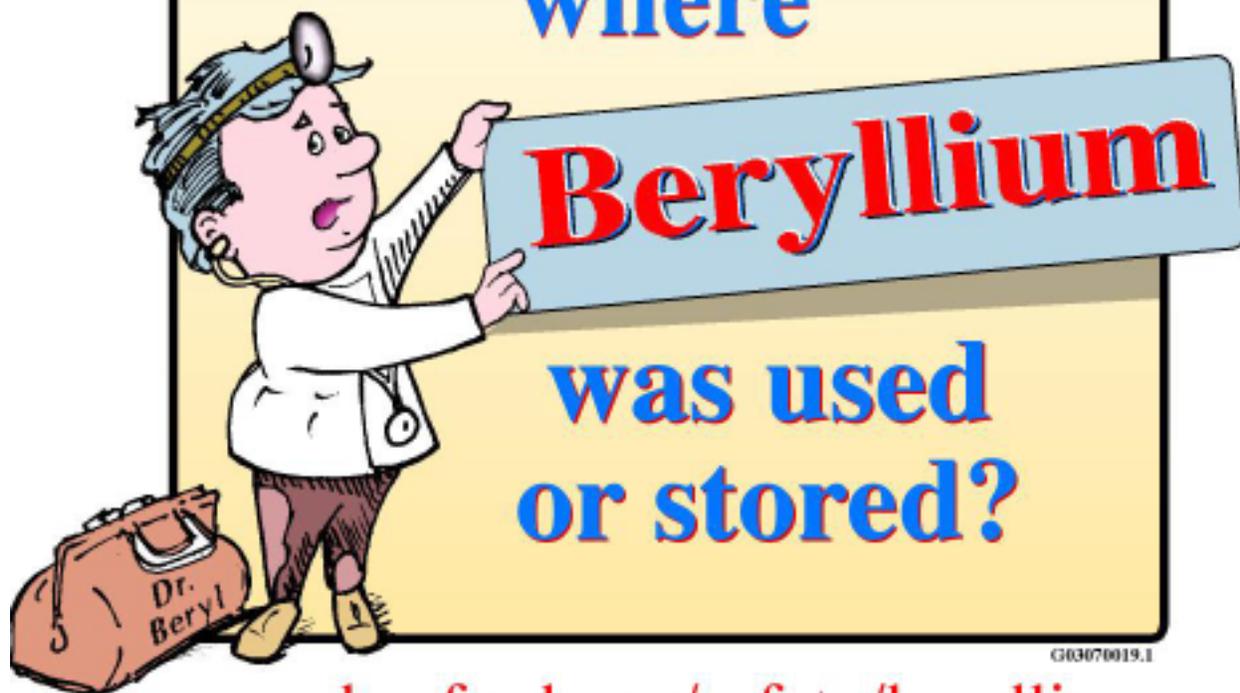
Tensions remaining from the recent events in Iraq may increase the potential threat to U.S. citizens and interests abroad, by terrorists and other groups. Terrorist actions may include, but are not limited to, suicide operations, hijackings, bombings or kidnappings. These may also involve commercial aircraft. Other potential threats include conventional weapons such as explosive devices, or non-conventional weapons such as chemical or biological agents. Terrorists do not distinguish between official and civilian targets. These may include facilities where American citizens and other foreigners congregate or visit, including residential areas, clubs, restaurants, places of worship, schools, hotels, outdoor recreation events or resorts and beaches. U.S. citizens should remain in a heightened state of personal security awareness when attendance at such locations is unavoidable.

U.S. Government facilities worldwide remain at a heightened state of alert. These facilities may temporarily close or suspend public services from time to time to assess their security posture. In those instances, U.S. embassies and consulates will make every effort to provide emergency services to U.S. citizens. Americans are urged to monitor the local news and maintain contact with the nearest American embassy or consulate.

As the Department continues to develop information on any potential security threats to U.S. citizens overseas, it shares credible threat information through its Consular Information Program documents, available on the Internet at <http://travel.state.gov>. In addition to information on the Internet, U.S. travelers can get up-to-date information on security conditions by calling 1-888-407-4747 in the U.S. or outside the U.S. and Canada on a regular toll line at 1-317-472-2328. ■



**Did you work
in a building
where**



www.hanford.gov/safety/beryllium
or call HEHF at 376-6000

Radiochemical Processing Laboratory supports vitrification

While construction work continues on the massive Waste Treatment Plant that will vitrify Hanford's highly radioactive tank waste, a miniature research version of the plant is already in operation in Hanford's Radiochemical Processing Laboratory in Hanford's 300 Area.

Battelle - Pacific Northwest Division is one of several laboratories tasked with providing data to support the design of the WTP to ensure that the waste glass produced by the plant meets appropriate criteria for disposal. The high-activity portion of the tank waste will be sent off site to a repository, while the low-activity portion will remain at Hanford for disposal.

"When the waste samples arrive in our facility for our experiments and testing, we mix them to ensure they are homogeneous, then run them through all of the processes that will be used in the WTP to prepare the waste for disposal," said Dean Kurath, who heads the project for Battelle.

The miniature RPL process is a batch simulation of the continuous-feed process to be used in the full-scale plant. The process begins with washing high-level waste sludges to remove various metals such as aluminum and chromium because they limit the volume of waste that can be mixed with the glass. This mixture is then run through a cross-flow filtration step that is set up in one of the RPL hot cells to separate solids and liquids. Isotopes of cesium and strontium are also removed, along with other isotopes. Once the pretreatment is completed, the samples are mixed with glass-forming chemicals and sent to the RPL's miniature melter. From there, the vitrified samples are poured into molds and tested to make sure they meet WTP criteria.

"The goal is cost-effective disposal of Hanford's waste in a responsible manner. The processes that we have developed will help reduce waste volume and ensure safe, long-term disposal," Kurath said.

Our scientists have been working on tank-waste issues for over 25 years to help Hanford achieve its goals and we are enthusiastic because we are part of the final solution," said RPL manager Jim Buelt.

The Waste Treatment Plant Support Project is expected to run through 2006. ■



John Geeting of Pacific Northwest National Laboratory works with test apparatus known as a cell unit filter, which is used to separate solids and liquids in tank-waste samples. This apparatus is an example of one of the components of the miniature research version of the Waste Treatment Plant housed in the Radiochemical Processing Laboratory, where researchers are working to provide data to support the design of the WTP.

Hanford XP Migration Project update

Consultants are available to assist with XP migrations

To date, more than 4,600 of us have converted our workstations to Windows XP. The Fluor Hanford Chief Information Office would like to thank those of you who have performed this migration. However, there are still approximately 2,800 XP-capable systems that need to be converted to eliminate known stability and system-security problems.

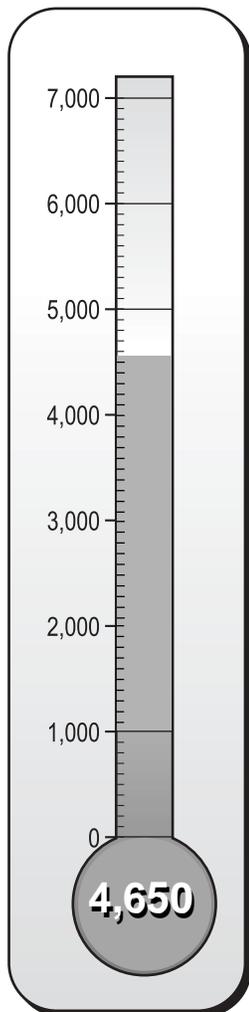
If you are among those who have not converted to Windows XP and who have a capable computer (at least a 350 megahertz processor and 128 megabytes of Random Access Memory), you should have seen the logon message that allows you to print the XP migration instructions and to connect to the XP Web site. The CIO encourages you to make this migration as soon as possible between now and the end of September. System migration will become mandatory and automatic starting Oct. 6.

Starting Aug. 12, you will have an additional option for beginning the migration process, to be provided in this startup message for users in specific facilities. The timing of this option coincides with the dates that software consultants will be available in these facilities to assist users in their migration to Windows XP.

If you need assistance with the migration process, consultants will be available on the dates below to help

you convert your workstation. To contact a consultant on the assigned date for your facility, call Computer Technical Support at 376-1234. If you would like to schedule a consultant in advance to help you work through the migration, send an e-mail message to ^Windows XP Project.

HLAN computers currently running Windows XP



Date	Facility	Location
Aug. 12	2440 Stevens Center	south side of first and second floors
Aug. 13	2430 Stevens Center	first and second floors
Aug. 19	2440 Stevens Center	north side of first and second floors
Aug. 20	2420 Stevens Center	first through fourth floors
Aug. 26	2425 Stevens Center	1979 Stevens Drive
Aug. 27	Federal Building	ground and fourth floors
Sept. 3	Federal Building	second, third and seventh floors
Sept. 9	Federal Building	first, fifth and sixth floors
Sept. 10	2704-HV	half of first floor; half of second floor
Sept. 16	2704-HV	half of first floor; half of second floor
Sept. 17	1717-K	MO-102, MO-382, MO-907, 105-KW
Sept. 23	4710	
Sept. 24	2750-E	first and second floors
Sept. 30	272-AW, 271-T, 221-T, MO-906, MO-433	

A schedule for additional facilities will be developed at a later date.

Groups in facilities not listed can contact the XP group move coordinator by sending an e-mail message to ^Windows XP Project. The XP Migration Project team will schedule the group migration and arrange to have a consultant available to answer questions and respond to any issues that may arise. ■

XP Project Home Page
 XP Application Testing Matrix
 XP Project Mailbox

<http://www.rl.gov/xp>
<http://www.rl.gov/xp>
 under the "APP Testing" tab
 ^Windows XP Project

Hanford Environmental Health Foundation offers advice to prevent and treat bites and stings



HEHF Health Education Services staff

American journalist Bill Vaughn once said, “When the insects take over the world we hope they will remember, with gratitude, how we took them along on all our picnics.”

In the meantime, we are in the warmest part of the year and animals and insects are in their most active time of the year. Our recent mild winters have contributed to a large population of insects, arachnids and snakes. Whether they are looking for shelter, a meal or a mate, or just trying to get away from humans, we need to take care this summer, our active time of year.

Knowing how to prevent and treat bites and stings is very important, especially with the added worry of disease transmittal or the potential of allergic and other adverse health reactions.

As always, an ounce of prevention is worth a pound of cure, so take measures to prevent bites and stings from occurring. The following suggestions on avoiding bites and stings are categorized by creature and are followed by symptoms and treatment for bites and stings:



Mosquitoes

- Empty any containers that can collect water.
- Change water in birdbaths, fountains and troughs at least weekly.
- Keep roof gutters clean to prevent collection of standing water.
- Maintain window and door screens to prevent mosquitoes from entering your home or workplace.
- Stay indoors at dawn and at dusk, when mosquitoes are most active.
- Wear a long-sleeved shirt, long pants and a hat when entering woods or wetlands.
- Use mosquito repellent containing DEET, following the directions on the label, as necessary and with care.

Symptoms and treatment

Mosquito bites often cause minor swelling, redness, pain and itching. Most of these symptoms will heal within a few days without the need for medical atten-

tion. Use an ice pack and elevate the bite area to reduce swelling. Over-the-counter medication, such as Benadryl or hydrocortisone cream, will relieve the symptoms as well.

Although at present the chances for a human to contract West Nile or other mosquito-borne illnesses is very low, if you develop symptoms of fever, chills, nausea, severe headache, increased muscle aches, muscle stiffness or fatigue within 5 to 15 days after being bitten, you are strongly advised to seek medical care for evaluation and treatment.

Bees, wasps, yellow jackets

- Do not wear bright-colored, flower-print, or rough-textured clothing, all of which can attract bees.
- Do not use fragrances or scented soaps if you plan to be in an area where bees, wasps or yellow jackets might be present.
 - Avoid gardens, trees with ripe fruit, and flowers.
 - Do not swat at a bee or throw an object at a hive. Bees, wasps and yellow jackets are more likely to attack when threatened or provoked.
 - If you find yourself in or near a swarm, move away slowly and with deliberate movements.

Symptoms and treatment

Symptoms of bee stings are similar to symptoms of mosquito bites. In treating the bee sting, first determine if the stinger is still present in the skin, and if so, remove the stinger with tweezers. Once the stinger is removed, gently wash the affected area with soap and water. If any swelling occurs take 25 to 50 milligrams of Benadryl. Benadryl can cause drowsiness, so be sure to follow the label directions and do not drive or operate heavy machinery. An effective home remedy to soothe the sting area is to apply meat tenderizer or a paste made of baking soda and water. A lotion with calamine or aloe vera will relieve burning or itching.

Ticks

- Avoid tick-infested areas — such as tall grass or dense wooded areas — especially during the months of May, June and July.

Continued on page 9.

Treating bites and stings, cont.

- If you need to enter a wooded area or tall grass, wear long pants and long socks and tuck the pant cuffs into the long socks.
- Wear white or lighter-colored clothing so you can see ticks.
- Carefully inspect yourself for ticks upon leaving a tick-infested area.
- Use insect repellent containing DEET, following the directions on the label, as necessary and with care.

Symptoms and treatment

Bites from ticks, particularly if the tick is no longer present, may have symptoms of itching accompanied by an affected area that can be anything from a small nodule to an extensive ulcer. Fever, chills and fatigue may also result from the bite. The bite area will tend to heal within a week or two. Most often, though, the tick will still be present at or near the location of the bite and you will need to remove it. If the tick is present and its head is not buried in the skin, use tweezers, grasping the tick as close to its mouth as possible, and slowly and steadily pull it straight out. If the head is buried in the skin, apply some Permanone insect repellent on and around the tick (using a cotton swab). This will force the tick to relax, and then you can remove it without the risk of breaking off its head and causing infection.

Because of the potential for Lyme disease and other tick-borne illness, visit a physician to determine that you do not have any other illness or hidden symptoms that require further treatment. Medical attention is also recommended if the bite area expands or becomes infected.

Spiders

- Do not put your hands or legs in places that have not been visually inspected first.
- If you need to work on or near rock piles, wood or dark areas, wear gloves.
- Practice good housekeeping and clear away debris to minimize the places spiders may hide.
- Check bedding before getting into bed.
- Check and shake out shoes before putting them on.
- Plug or seal openings and crevices into the house.
- Consider spraying an appropriate insecticide on any



This unwelcome rattlesnake was discovered and photographed just outside T Plant three years ago. HEHF advises that you move slowly and deliberately if you encounter a snake, and do not attempt to handle it. Most snakes will retreat, rather than attack, if given the opportunity.

high-risk areas, such as webs, woodpiles, around baseboards and window areas, attics and closets.

Snakes

- Avoid areas where snakes may be present. Most snakes will attempt to retreat, so if you encounter a snake, give it room to escape.
- If you encounter a snake, remain at a safe distance; move slowly and deliberately.
- Do not attempt to provoke or handle a snake.
- Be aware of the warning signs that a snake may bite. It will first try to flee, and then make warning noises (hissing, rattling). Its final warning is that it will coil up into an S-shaped position — a sign that it is readying to strike.
- Wear boots and coarse clothing when traveling through areas where snakes may be present.

Symptoms and treatment

Bites from snakes and spiders present much of the same symptoms — swelling, redness and pain — as a mosquito bite. However, given the potential for release of venom into the bite, prompt care from a physician is recommended. If you are bitten, you should remain calm and comfortable and limit your activity as much as possible. Spider-bite wounds can be cleansed with an antiseptic. The body area where the snakebite is located should be positioned at a level below the heart if at all possible. Being able to provide a description of the spi-

Continued on page 10.

Treating bites and stings, cont. 2

der or snake (if possible) is recommended, so the physician can treat the bite appropriately.

Severe reactions

With all bites and stings, there is the very real possibility that a person can experience more severe health reactions. Some of the more common severe reactions include the following:



- Severe allergic reaction, indicated by shock, coughing or wheezing, widespread swelling, lightheadedness, nausea or hives
- Large skin reaction spreading beyond the immediate site of the bite or sting
- Skin infection at or around the bite or sting.

In these cases, immediate treatment by a physician is required. Call 9-1-1 or get to an emergency room as soon as possible.

People at risk for severe reactions from bites and stings usually have existing health conditions, medications or lifestyle choices that interfere with their body's ability to heal and fight off infection. Some of these factors include the following:

- Age — 60 or older, or an infant or young child
- Past severe allergic reaction or large skin infection
- Alcohol or drug abuse
- Smoking or other tobacco use
- Angiotensin-converting-enzyme (ACE)-inhibitor medications, such as Capoten, Vasotec, Prinivil, or Zestril
- Beta-blocker medications, such as Inderal or Lopressor
- Corticosteroids, such as prednisone
- Chemotherapy or radiation therapy
- Diseases — either existing or a history of — cancer, diabetes, high blood pressure, heart disease, HIV, or lung disease (chronic obstructive pulmonary disease or asthma). ■

Bites and Stings safety presentations available

Fluor Hanford Safety and Hanford Environmental Health Foundation will give "Bites and Stings" presentations during August at the following work sites.

Date	Area	Building	Room	Time
Wednesday, Aug. 20	100K	MO-293		7:30-8:30 a.m.
	200W	MO-278		10-11 a.m.
	200E	2101-M	Bijou Room	1-2 p.m.
Thursday, Aug. 21	300	3763		1-2 p.m.
Friday, Aug. 22	400	4706	Room 302	10-11 a.m.
Wednesday, Aug. 27		Federal Building	Room 142	1-2 p.m.
Thursday, Aug. 28		2420 Stevens Center	Room 153	1-2 p.m.

Attendance at one of these presentations will meet the requirement for August safety meetings for Fluor Hanford employees. Fluor Hanford workgroups that cannot attend the scheduled presentations or other Hanford Site contractor workgroups wishing to use this presentation as part of safety meetings may call HEHF Health Education Services at 373-3729 to schedule a time. For further information, please call Carol Powe, Fluor Safety, at 376-8886, or Judi Staley, HEHF Health Education Services, at 372-0097.

CH2M HILL Hanford Group employees earn Founders' Awards



Copping

At a special recognition dinner held recently in Richland, five CH2M HILL Hanford Group employees received CH2M HILL Founders' Awards. Cheryl Copping, Michael E. Johnson, Stephanie Livesey, Moses Jarayssi and Joel Eacker were honored with the awards, which are named for the five founders of CH2M HILL and reflect values they instilled in their company when it was originally formed.

In 1946, Holly Cornell, Burke Hayes, Jim Howland and Fred Merryfield formed an engineering firm in Corvallis, Ore., and named it CH2M, using the initials of their last names to form the name. In 1971, they merged with Clair A. Hill and Associates and the firm became CH2M HILL.



Johnson

Copping received the Clair Hill Award for External Relationships and Community Service. This award goes to a candidate who gets involved in the type of community affairs and public service that reflect a positive image of CH2M HILL in the community. Among her community activities, Copping is heavily involved in Junior Achievement. She also provides a facility for a camp for disabled children where they enjoy a petting zoo and games, and ride horses in a safe environment.

Johnson earned the Burke Hayes Technical Innovation Award, which goes to an employee selected for his or her excellence of engineering or scientific contributions. Johnson researched and identified waste stored in 68 tanks containing saltcake as potential candidate material for supplemental treatment. He established that this supplemental treatment would enable treatment and immobilization to begin on tanks several years before the Waste Treatment Plant would be operational, and would allow the retrieval, treatment and immobilization of tank wastes to be completed by the 2028 Tri-Party Agreement commitment date.



Livesey

Livesey earned the Jim Howland Team Builder of the Year Award for fostering the corporate culture and personifying the role of team player that is essential to the company's ongoing success. Livesey has demonstrated many of the attributes of this award throughout her career. As a Radiation Control first-line supervisor in 1998, she took a new organization and developed a team that was instrumental in helping the Interim Stabilization organization to meet all of its milestones and consent-decree requirements with the state over a five-year period. More recently, Livesey helped develop the First-Line Manager Action Committee to help resolve long-standing issues. She was elected chairman of the committee.



Jarayssi

Jarayssi earned the Holly Cornell Award of Excellence. This award goes to someone who is a master at building relationships with customers and turning those relationships into a positive representation of CH2M HILL. Jarayssi's approach to integrating waste determination decisions under the Department of Energy into the Tri-Party Agreement framework was reviewed and accepted by the head of Environmental Management and noted as a landmark approach to meeting the goals of the department. Jarayssi is recognized as a premier expert in the area of site-wide closure and integrated risk assessment. He now leads a multi-organization working group to achieve consistent closure criteria across the site.



Eacker

Eacker received the Fred Merryfield Manager of the Year Award. Candidates for this award are judged on their tremendous enthusiasm and ability to recognize talent and develop staff that contributes to improving practices at CH2M HILL. While most good managers demand excellence from their employees, Eacker inspires it. He motivates his people to excel by the example he sets and in his enthusiasm for the projects he oversees. He sets the expectation for his organization and then allows his talented team to perform to their maximum capacity. Eacker was also recently recognized as "Manager of the Year" by the Hanford Chapter of the National Management Association. ■

Hill named FFTF Employee of the Quarter



Hill

Lowell Hill has been selected as Employee of the Quarter at the Fast Flux Test Facility for his role as project lead in upgrading the control system for the sodium removal system.

Thanks to Hill, Operations staff members reviewed and provided input in all phases of this project, from the conceptual design to prototype testing, installation and, finally, operational testing. The Operations staff members' continued involvement ensured that the final product met or exceeded expectations. Hill also designed a computer-based control system that permits the operators to focus on the process, rather than being encumbered by the mechanics that were necessary to manipulate the old system.

Hill excels in all facets of project management, which was evident during this multi-year upgrade project. He consistently demonstrated leadership of the team of engineers, crafts and operators who worked with him on this project. Len Harville, the FFTF Operations manager, was so impressed with Hill's performance that he recently stated, "Lowell is the poster boy for how a project should be done!"

Special Tri-Cities kids enjoy a special day on the farm

It's an annual event at Cheryl's Phoenix Connection Ranch in Richland, owned by Cheryl Coppinger of CH2M HILL Hanford Group. Each year it seems to draw more participants, deliver more fun for the developmentally disabled children it serves, and require more volunteers from the ranks of CH2M HILL, Fluor Hanford, Pacific Northwest National Laboratory and other Hanford contractors.

This year, 130 children and their partners (another 130 people), plus their counselors with The Arc of the Tri-Cities Partners 'N Pals program, were hosted by Cheryl and 90 volunteers on July 18 for a day of horse-back riding, visiting animals in the petting zoo, and being entertained by clowns and a magician.



Volunteer Bill Ross of CH2M HILL Hanford Group leads one of the horses carrying a happy rider.

Coppinger filed this report on the day's activities:

"The day began with the question, 'Is there any coffee?' Within a few minutes that basic need was satisfied and the work began. The magician started setting up for his act, and the clowns took two hours to prepare for a day in which they would endure the hot sun in full costumes and make-up.

"Then the last-minute items begin to fall into place. By 9 a.m. the volunteers were arriving, animated about the day ahead. Most knew what to expect, but for others it was their first time.

"Finally, the horses were brought out and groomed, and we were almost ready. But first, we needed to hold a meeting to determine job assignments and to thank everyone for their help and support of the kids. It developed into a friendly session of kibitzing and camaraderie.

"The buses arrived, and everyone (all 90 volunteers, the dog, the roosters and the horses) became alert to the stepped-up activity. Within minutes, smiling, anxious faces greeted the volunteers. Every child was ready to ride a horse, visit the goats in the petting zoo, play lawn games, interact with the magician and talk to the clowns.

"That scenario played out three times during the day until each one of the Partners 'N Pals clients had enjoyed all the activities. They didn't even seem to mind the intense heat or the dust. What each of them will remember and continue to talk about is the fun they had." ■



The clowns endured the heat in full costumes and make-up to entertain the Partners 'N Pals clients.



Advice from a ‘crack’ safety expert

Vernon Wolff of Fluor Hanford Safety and Health submitted this advice for keeping safety uppermost in our minds at all times:

“When the foundation of your house cracks, you should be concerned. In the workplace, increased injury and accident rates indicate the foundation is cracking.

“It’s difficult to repair a home foundation. You have to figure out why the foundation is cracking and at least reduce the stress to stop further damage.

“In the safety arena, it’s the same thing. Accident investigation is not just a paperwork exercise — it’s a look at what might be cracking your foundation. You can stop further damage!”

Security Ed Challenge:

How are foreign nationals approved for Hanford Site access?



Hanford Site employees host many foreign national visitors and assignees each year. These individuals come to Hanford with special expertise in their fields, and their contributions to the cleanup mission are both valued and necessary. According to Department of Energy orders, National Security regulations and site procedures, special approvals and controls are required before a foreign national is approved for Hanford Site access.

Take the Security Ed Challenge: Of the list provided below, which one is *not* a correct statement when it comes to providing site access to a foreign national?

- A. The host validates that the visit or assignment supports the DOE mission.
- B. Hosts and escorts receive annual host/escort training.
- C. The person directly reporting to the president, director or DOE manager approves the visit.
- D. A security plan is written and approved before the visit is allowed.
- E. A standard security badge request is submitted and a standard security badge is issued to the foreign national.

Do you know the answer? Send an e-mail with the incorrect statement on the actions taken to bring a foreign national onto the Hanford Site (indicate "Ed's FN Access" in the subject line) to C. E. (Chet) Braswell, or clip this article, circle the incorrect answer, add your name and HID number, and send your response to Security Ed at L4-09. Prizes will be awarded to randomly drawn correct entries. The names of prizewinners and the correct answer will appear in a future *Hanford Reach* article.

If you have any challenges you would like Security Ed to consider, e-mail them to Security Ed at ^Security Ed or send them by plant mail to Security Ed at L4-09.

Submitted By _____ Hanford ID No. _____

Mailstop _____



Congratulations to David Husted of CH2M HILL Hanford Group, winner of the July 14 Security Ed Challenge. Husted won a MiniMag light for correctly answering that, if you discover an unsecured classified document (or suspected classified document), you would report the incident by contacting the Patrol Operations Center at 373-3800. Pacific Northwest National Laboratory personnel would report the incident by contacting the PNNL Single-Point-of-Contact at 375-2400.

Regular Features



Letters

Employees are invited to write letters of general interest on work-related topics. Anonymous letters will not be printed. We reserve the right to edit letters or not to accept letters for publication. Send your letters to the

Reach, B3-30, or to *Hanford Reach on e-mail. Include your name, company, work group and location. Opinions expressed are those of the author and not of DOE-RL, ORP or their contractors.

Sincere thanks

We would like to send a huge, sincere thank-you to everyone for their support, donated hours, prayers and warm wishes with the passing of our father, Jon Yerxa. Your thoughtfulness is greatly appreciated and will not be forgotten.

The family of Jon Yerxa

Now, that's dedication!

I am tired of hearing about the non-dedicated workforce at Hanford. If you want to experience total dedication, all you have to do is just pay attention in the mornings on the way to work.

While driving to the 200 West Area on Highway 240 this morning I was traveling behind a semi-truck going between 60 and 65 mph (posted speed 65 mph). I relaxed, left about eight car lengths between the semi and me, cranked up the radio, enjoyed the nice weather and arrived at work about 15 minutes before starting time.

What I experienced was a real eye-opener. Fellow employees were passing me and then passing the semi. Others were passing both of us at the same time. Some were passing on hills and curves, and all were exceeding the speed limit. That's right, Hanford employees were literally putting their lives on the line just to get to work a few minutes early. Now if that is not dedication to the job and to Hanford I have never seen it.

I was humbled and awed.

Steve Hathaway
Fluor Hanford



Calendar

Library tour scheduled for Aug. 7

Take a tour of the Hanford Technical Library from 8:15 to 9:15 a.m. Thursday, Aug. 7, beginning at the library lobby in the

Consolidated Information Center, Washington State University Tri-Cities in Richland. Library staff members will help you find out what services, materials and specialized library collections are available to you in the library and on your desktop. For more information, contact Patti Cleavenger at 372-7435 or at patricia.cleavenger@pnl.gov.

Duratek sponsors golf tournament for United Way

The United Way scramble golf tournament sponsored by Duratek is scheduled for Sept. 11 at Canyon Lakes Golf Course in Kennewick. The shotgun start is at 1 p.m. All proceeds go to the United Way. For more information, visit www.duratekinc.com, under "Client News," or contact Angie Gagnon at 376-0804.

Safety and Health Conference takes place Oct. 3

"Emerging Issues in Safety and Health" is the title of the third Safety and Health Conference to be held Oct. 3, 8 a.m.-5 p.m. at the Volpentest HAMMER Training and Education Center. The topics will emphasize the safety challenges presented by emerging issues such as an aging workforce, regulatory shifts, funding restrictions and emergency planning in today's troubled world. The Lower Columbia Basin Chapter of the American Society of Safety Engineers, the Tri-City Education Committee of the Pacific Northwest Section of the American Industrial Hygiene Association, and the Northwest Chapter of the System Safety Society are sponsoring the conference. If paid before Sept. 1, the conference fee is \$100 (\$85 for speakers, \$35 for students). After Sept. 1, the fee is \$125 (\$100 for speakers, \$45 for students). The fee includes lunch and refreshments. Attendees will receive 0.7 continuing education credits or 1 CIH Certification Maintenance Point. Eight speakers, a nationally known keynote speaker and a HAMMER tour are planned. For more information, contact John Cavanaugh at 373-9625 or at john_e_jr_cavanaugh@rl.gov, or John Hinckley at 371-4408 or at jhinckle@bechtel.com. ♦

Features continued on next page.

Regular Features



Classes

Training sessions for P-Card holders

The Fluor Hanford Supply Chain Management organization is sponsoring hands-on training for P-Card holders who need to learn how to use the eStore Marketplace Web ordering method for materials. The training sessions will be held twice daily on Aug. 5, 6 and 7, 7-8:30 a.m. and 3-4:30 p.m., in room 121 at 2430 Stevens Center. Send an e-mail message to eStore Support to reserve a spot in one of the training sessions, or for more information. All P-Card holders are welcome to attend.

Instruction on revised DOE O 435.1 offered

The Resource Training Institute will present “DOE O 435.1 Radioactive Waste Management Training,” sponsored by CH2M HILL Hanford Group, on Aug. 11-13 at the Volpentest HAMMER Training and Education Center. The course provides detailed instruction on the requirements of the revised DOE O 435.1, the manual and implementation guide; outlines key changes; introduces compliance strategies; and provides opportunities for participants to apply the key requirements through student exercises. The course includes a final comprehensive exam. The cost is \$725. Participants will receive 2.4 continuing education units for completion of this course. For more information and to register, visit the Web site at <http://www.rtii.org>.

Project management seminar this fall at WSU

The WSU Tri-Cities Business Department will offer “Management 496,” a special seminar in project management, on Mondays and Wednesdays, 4:15-5:30 p.m. The course will use case studies to examine the principles and practices of project management and will be linked to the Project Management Institute’s Book of Knowledge. The instructor is Andy Hesser. Contact the Registrar’s office, 372-7250, for more information.

WSU offers groundwater, soil remediation course

The course, “Groundwater and Soil Remediation ES/RP 592,” will be offered at Washington State University Tri-Cities on Tuesdays and Thursdays, 5:45-7 p.m., beginning Aug. 26. The instructors are Marve Hyman and Ed Thornton. The course includes field trips to

operating remediation sites and covers the following topics: groundwater treating, soil treating, feasibility studies and remedy selection, project design, safety and health plans and cost estimating. For more information, contact Marve Hyman at 375-0222.

Environmental regulation, waste management

Environmental Training Management Division Training, a division of Technical and Field Engineering, Inc., is offering the courses listed below in Richland. To register, or for more information, visit www.etmdtraining.com.

- **Waste Characterization** – Aug. 26-27. Cost is \$795. Topics covered include: materials characteristics, identifying hazardous waste, identifying polychlorinated biphenyls, identifying radioactive and mixed waste, meeting waste-acceptance criteria and waste packaging.
- **Environmental Laws and Regulations Course** – Sept. 9-11. Cost is \$595. Topics covered include: Atomic Energy Act, National Environmental Policy Act, Resource Conservation and Recovery Act, and Comprehensive Environmental Response, Compensation and Liability Act.
- **DOE O 435.1 Radioactive Waste Management Training** – Sept. 15-17. Cost is \$800. The course consist of five modules: introduction, overview, and goals; low-level waste; low-level waste disposal; trans-uranic waste; and high-level waste.
- **Management of Polychlorinated Biphenyls** – Sept. 23-25. Cost is \$780. Learning modules include background of PCB information (physical, chemical, and toxicological properties) and discussion of 40 CFR 761.
- **Cleanup Site Closure: Integrating Regulatory and Administrative Activities** – Oct. 6-7. Cost is \$490. Topics covered planning, activities and documentation related to CERCLA and RCRA.

Continuing education classes for professionals

The Tri-Cities Technical Council, representing local professional societies, is sponsoring continuing education and professional development courses beginning Sept. 12 at the Royal Hotel in Richland. On Sept. 12 and 13, the American Society of Civil

Classes continued on next page.

Regular Features



Classes, cont.

Engineers will present "Pumping Systems," and the American Institute of Chemical Engineers will present "Cross-Functional Management" and "Preventing Human Error." On Sept. 26, the American Industrial Hygiene Association will offer "Biosafety." Registration is due four weeks in advance. For more information, contact Marve Hyman at 375-0222. A complete list of courses through this year will appear in a future issue of the *Reach*. ♦



Newsbriefs

PTB transfer approved for Hutchens

James Hutchens, a Central Plateau nuclear chemical operator who works in the 300 Area Surveillance and Maintenance organization, has been approved for the transfer of personal time bank hours. Hutchens' wife is undergoing cancer surgery and he needs to care for her during her recovery and treatment phase. Fluor Project Hanford employees who would like to transfer PTB hours to Hutchens should complete the PTB/Vacation Transfer Request form (A-6002-807) and send it to Elaine Collins-Meenan, Fluor Hanford Workforce Services, L5-66. Time must be donated in one-hour increments.

PNNL offers online listing for service providers

Businesses that offer professional services to Mid-Columbia technology firms can now publicize themselves through an online listing, the Tech Job Connection. The Tech Job Connection is a free, Web-based service with three sections: résumés, job postings and service-provider listings. The new section lists firms offering services to non-Hanford, tech-based businesses in the Mid-Columbia area of Washington and Oregon. Pacific Northwest National Laboratory started Tech Job Connection last year to support economic diversification. The new service was added after service providers requested more ways to make local high-tech companies aware of their services. Businesses interested in being listed as service providers should go to www.pnl.gov/edo/jobs.stm, or contact Gracie Downard at 375-2803 or at gracie.downard@pnl.gov. ♦

Oops

Correct number for Beryllium Awareness Group

The phone number for the Beryllium Awareness Group chairman was incorrect in the article, "Beryllium-affected Hanford nurse shares her story" (*Hanford Reach*, July 21). The correct number is 376-6005.



Vanpools

Vanpool ads are run for two weeks. Ads must be resubmitted to run in subsequent issues of the *Hanford Reach*. The deadline for submission is Thursday, 10 days prior to publication.

Day and Zimmermann Protection Technology Hanford reminds employees to wear their badges while on site and be prepared to show them when passing through a barricade. Vehicle drivers are responsible for ensuring their passengers are badged prior to leaving their point of embarkation. A vehicle driver who transports an unbadged person through a barricade and the unbadged person will be issued Security Incident Notices and the unbadged person will be escorted off site. Re-entry is not allowed until a proper badge is obtained.

KENNEWICK

Vanpool express to 200E needs riders. Departs from Albertson's on Edison and Clearwater at 6 a.m. Drops off in the vicinity of 2750, MO-384, WESF and LEF. Contact **Scott** at 372-0473 or **Max** at 373-9161. 8/4

New vanpool to 200E starting in September. Looking for riders who live in or near the east Kennewick area who commute to 2704-HV or locations in that vicinity. We are considering picking up riders at their homes. Contact **Debbie** at 372-2698. 8/4

Pasco

Van 213 from Pasco needs riders. Leaves Desert Ice across from the Broadmoor Mall off Rd. 100 at 6:05 a.m. Drop-off points are 2750-E and 2704-HV (or any place along the way). Arrives back at Desert Ice about 5:15 p.m. Backup drivers appreciated. Call or e-mail **Doug Bailey** at 373-2392 or e-mail douglas_m_bailey@rl.gov, or **Steve Boothe** at 376-6812 or Stephen_G_Boothe@rl.gov. 8/4

Vanpools continued on next page.

Regular Features



Vanpools, cont.

RICHLAND

Van starts at Chuck E. Cheese, picks up at Federal Building and drops off at 2750-E, 2719-EA, WESF, 270-4HV and CSB. Call **Beth** at 376-0971 or **Barb** at 373-2006. 8/4

Low-cost route, Vanpool No. 195, 8x9s, 7 a.m.-4:30 p.m. schedule, from Richland to 200E has one opening. Starting point is Mowry Square Condominiums (close to 7-Eleven at Jadwin Ave.). Picks up along Jadwin north of Van Giesen St, along George Washington Way between McMurray and Spengler, at 7-Eleven by George Washington Way and at 2420 Stevens Center (Fluor Hanford Building north parking lot). Stops at 274A-W, 2750-E, CSB, 2704-HV, and Wet Grout Facility. For more information call **Jon Renholds** at 373-4248, **Betty Zscheile** at 373-7282 or **Leona Aamot** at 372-3769. 8/4

Vanpool Express (with a new van) to 2750-E local area needs several riders, 8x9s. Monthly rate as low as \$35. Leaves former Hanford bus lot (across from 2440 Stevens) at 6:25 a.m. and drops off at 2750-E local area. Contact **Dave Hedengren** at 373-5094. 7/28

Vanpool from Richland bus lot to 100K needs riders, 8x9s, 7 a.m.-4:30 p.m. shift. Call **Dan** at 373-1525 or **Nancy** at 373-4081. 7/28 ♦