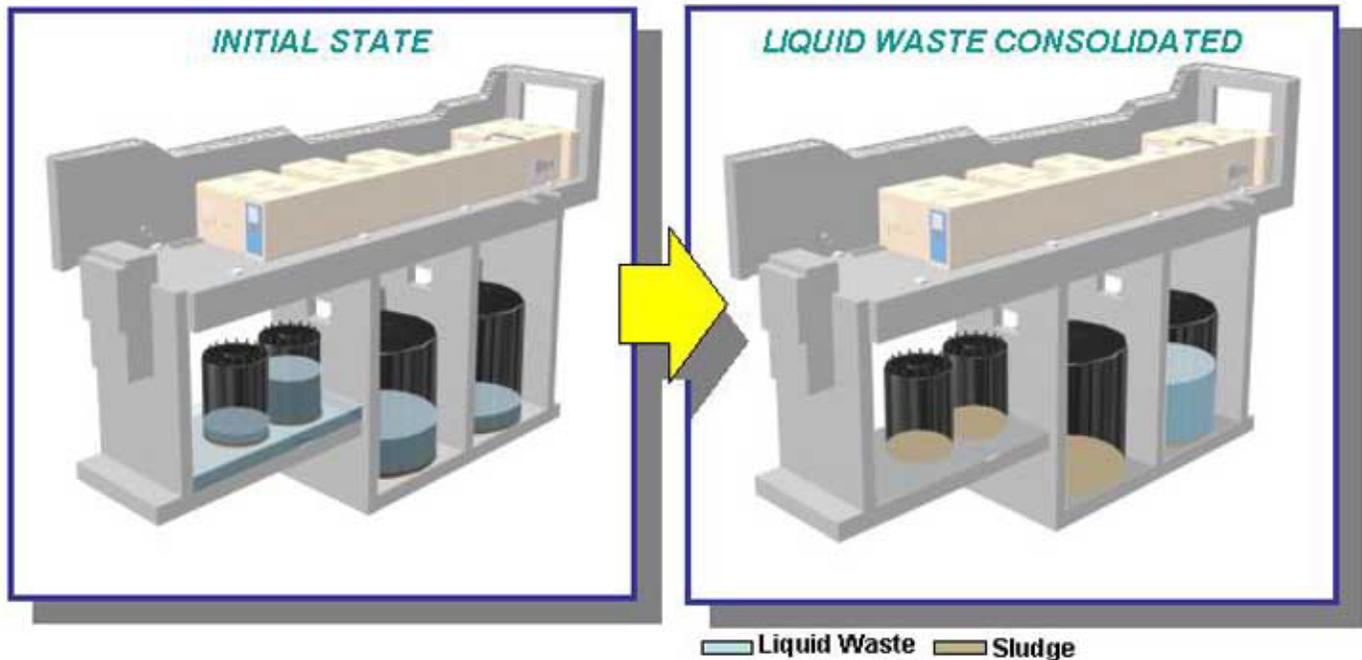


### 244 AR Vault Stabilization



Consolidating about 19,000 gallons of waste from four tanks and a drainage sump into one tank is the first step toward reducing the risk posed by waste in the 244-AR Vault in the 200 East Area.

### Cleanup of historic waste facility begins

Crews have started pumping operations to clean up a facility that was once used to transfer waste between nuclear-materials processing facilities and large underground waste tanks at the Hanford Site.

The Department of Energy Office of River Protection and tank-cleanup contractor CH2M HILL Hanford Group are preparing to stabilize the facility, called the 244-AR Vault, while continuing cleanup efforts on Hanford's 177 large radioactive waste tanks.

The old facility once played an important role in producing nuclear materials at the Hanford Site, but it hasn't been used for some time. To ensure the vault no longer poses a threat to the environment, the public or Hanford employees, ORP and CH2M HILL are cleaning up the facility to place it in a safer condition until it can be permanently closed. Interim stabilization of the 244-AR Vault is a milestone that must be completed by Sept. 30, according to the Tri-Party Agreement.

Constructed between 1966 and 1968, the 100-foot-long, concrete-walled 244-AR Vault was used until the early 1990s to ensure the safe transfer of waste between processing facilities — specifically, the Plutonium

*Continued on page 2.*

## Cleanup of historic waste facility begins, cont.

Uranium Extraction (PUREX) facility and B Plant — and the Hanford waste tanks. Sodium hydroxide was added to make the waste from the processing plants less acidic, so it wouldn't corrode the steel walls of the tanks.

Years of past processing history and water intrusions into the facility left 19,000 gallons of liquid in four different tanks in the facility and in a secondary containment system. The 244-AR cleanup project is focusing initially on consolidating the 19,000 gallons of liquid radioactive waste in the four tanks and in a drainage sump into one tank. To install pumping systems needed to complete this task, a remotely operated plasma-arc cutting torch was used to cut holes in the top of the storage tanks under the vault's concrete floor.

After the liquid waste is consolidated, sampling will be done to verify compatibility with Hanford's double-shell tanks before the 244-AR waste is transferred to Hanford's underground storage tanks. Transferring the liquid waste out of the 244-AR facility is the first step in reducing the risk the facility currently poses to the environment. A final determination is yet to be made on plans for closing the facility. ■

## Picture Pages



**FOCUS ON HOMELAND SECURITY:** Scott Campbell, software engineer for Lockheed Martin's homeland-security line of business, demonstrates a mixed-media biometrics system to Lockheed Martin Information Technology program director Frank Armijo and communications manager Dana Jensen at LMIT's third annual Information Technology Day. Homeland security was the theme for this year's IT Day, held April 15 at the Pasco Red Lion. The biometrics system uses sophisticated fingerprint-matching technologies to help the U.S. Immigration and Naturalization Service identify and apprehend felons and terrorists as they enter the country by air, land or sea. More than 600 people and 30 industry vendors from around the region attended the IT Day events.

**IN STYLE:** Sharon Clark of CH2M HILL modeled vacation attire last year at the fashion show fund-raiser for youth programs sponsored by the Hanford Chapter of the National Management Association. This year's fashion show and wine-tasting will be held on April 24 at the Richland Red Lion Hotel. The funds raised will support community youth programs such as the Boys and Girls Club, Mid-Columbia Science Camp, Crystal Apple Awards, Washington Business Week, Partners and Pals, Junior Achievement and the Boy Scouts and Girl Scouts. The social begins at 7 p.m. and the fashion show is 7:30-8:30. Wine-tasting will precede and follow the fashion show. Tickets are \$15 for the fashion show only (children are welcome to the fashion show), \$25 for the fashion show and wine-tasting (for adults 21 years of age and older) and \$10 for a donation and opportunity to win door prizes. Contact Karen Welsh at 376-2151 to purchase tickets.



# DOE-RL, contractors celebrate 100th successful IAEA inspection at the Plutonium Finishing Plant

On April 4, the Department of Energy Richland Operations Office, Hanford contractor personnel and representatives of the International Atomic Energy Agency celebrated the 100th successful IAEA inspection at Hanford's Plutonium Finishing Plant.

The impetus for IAEA inspections in the United States originated from the Nuclear Non-Proliferation Treaty that the U.S. signed in 1970. Under the treaty, countries possessing nuclear weapons were not required to place nuclear activities under IAEA safeguards, but were encouraged to submit to such safeguards on a voluntary basis.

On Sept. 27, 1993, President Clinton offered to submit excess U.S. fissile material to IAEA inspection to promote international confidence in the irreversibility of nuclear arms reductions.

After the National Security Council approved the Department of Energy implementation recommendations, DOE-RL and its contractors worked to isolate the excess plutonium-bearing material needed for the required initial verification of the inventory with the IAEA. This verification was successfully completed in December 1994, and in July 1995 additional material was added to the IAEA-safeguarded inventory. The PFP is one of four direct-use nuclear facilities inspected under the U.S.-IAEA Agreement, which became effective in 1980.

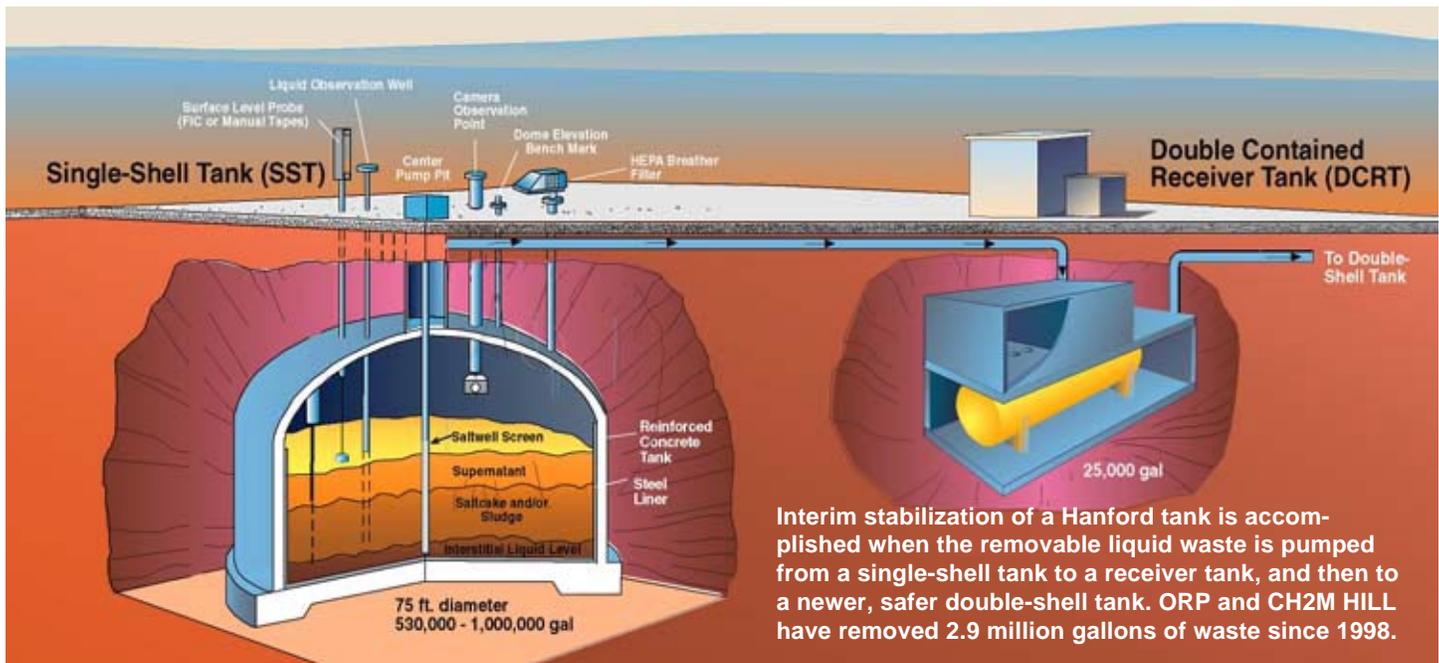
What has followed has been 10 years of teaming between Hanford and the IAEA to further ensure "transparency" of U.S. nuclear material through monthly inventory inspections, safeguards reporting, and analytical verification regimens.

In 1957, the IAEA was established as a specialized United Nations agency, whose purpose was to oversee sharing of peaceful nuclear technology. Its present membership includes 132 nations. An international staff headquartered in Vienna, Austria, manages the agency. The IAEA uses its inspection system to verify that countries comply with their commitments under the Non-Proliferation Treaty and other non-proliferation agreements — to use nuclear material and facilities only for peaceful purposes.

A Hanford team comprising representatives of DOE-RL, Fluor Hanford, Day and Zimmermann Protection Technology Hanford and Pacific Northwest National Laboratory has worked diligently over the past 10 years to ensure the success of the IAEA program at Hanford. Key participants on the Hanford team include the following: Scott Sax of Westing-house Safety Management Solutions; Dean Bartlett, George Westsik, Rick Wilbanks, Bill White and Marlis Perry of Fluor Hanford; Steven Schlegel, Larry McRae, Mike Turner, Claire Christensen and Terri Welch of Day and Zimmermann Protection Technology Hanford; Glenn Konzek, Larry Romine and Briant Charboneau of DOE-RL; Greg Clark of Portage; and Brian Smith of the Pacific Northwest National Laboratory.

A U.S. "thank you" is being extended to the following IAEA personnel: Ok-Seok Seo, Gabriel Bernasconi, Anita Marques Patricio, Maha Mahmoud, Pantelis Ikononou, Jean-Yves Lefebvre and Rene Lemaire (retired).

Special thanks also go to DOE Headquarters personnel: Ronald Cherry and John Murphy of the International Safeguards Division and Leigh Gunn, Yvonne Ferris and Maurice Daugherty of the Environmental Management Office of Safety, Health and Security. ■



## Steady pumping continues in Hanford tank farms

Pumping retrievable liquids out of Hanford's 149 older single-shell waste tanks into newer, safer double-shell tanks continues to reduce the risk of future tank leaks. Since 1998, about 2.9 million gallons of retrievable liquid waste have been moved into the double-shell tanks, and approximately 380,000 gallons of that total have been pumped just since last October.

The retrievable liquids have been pumped from 134 of the 149 single-shell tanks. Contractor CH2M HILL Hanford Group has completely pumped one tank since October.

The 15 remaining tanks are covered by a consent decree with the State of Washington. That agreement requires removing the rest of the retrievable liquid waste from these tanks (about 365,000 gallons) by October 2004. Three of those tanks have had their retrievable liquid waste pumped out and are being evaluated for completion. The other 12 are being pumped now.

The solid waste (saltcake and sludge) that remains in the single-shell tanks is scheduled to be retrieved for treatment so the tanks can be closed. Methods are being developed to remove the solid waste. Two possible methods that have been demonstrated include "vacuuming" it out of the tanks, and dissolving and pumping it. ■

# Tank farms Documented Safety Analysis delivered for review

The team that prepared the new Hanford tank farms safety basis is celebrating the completion of more than a year's worth of hard work. The result is the delivery of a draft Documented Safety Analysis to the Department of Energy for review.

"This team has done an excellent job of optimizing our safety basis so that it accurately reflects safety issues that have been solved over the years," said Brad Evans, CH2M HILL team lead for the Documented Safety Analysis. "The new DSA simplifies the remaining work left to be performed on the tank farms, while improving safety."

The safety basis is a complex set of controls used to ensure that employees work safely, tank-farm hazards are controlled, and facilities are operated safely and in compliance with regulatory requirements.

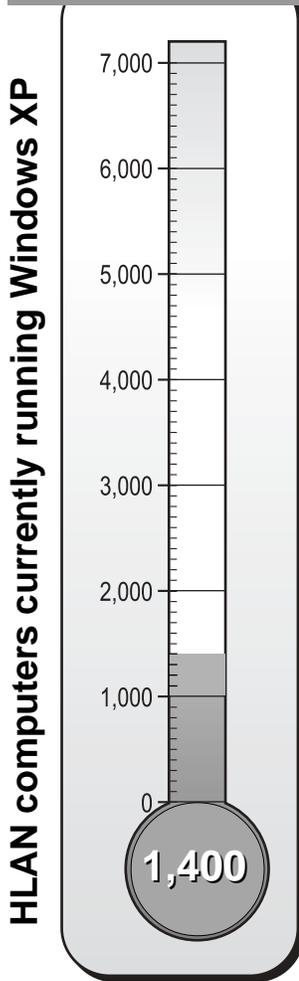
"By focusing the appropriate requirements on the job, the DSA will provide our employees with greater flexibility needed to support the accelerated cleanup mission of waste retrieval, feeding waste to treatment facilities, and tank closure," said CH2M HILL President and General Manager Ed Aromi.

At a recent gathering, members of the technical working group that prepared the DSA were given certificates of appreciation. The team was made up of managers and staff members of the DOE Office of River Protection, CH2M HILL and subcontractors.

"This new safety basis belongs to everyone who works in the tank farms," said Brad Smith, CH2M HILL director of Nuclear Safety and Licensing. "This sets the stage for revising tank-farm procedures and other documents as required to implement the DSA." ■



**CH2M HILL's Brad Evans (right) hands over the Documented Safety Analysis to ORP's Dennis Irby for review by an independent DOE team. The stacks of paper represent a year's worth of efforts by ORP and CH2M HILL personnel to align the tank farms' safety basis with accelerated cleanup plans and update the safety basis to reflect current hazards.**



## Hanford XP Migration Project Update

The XP Project Web site has been revamped to show the steps in the migration process. This “roadmap” shows what needs to be done *before* you migrate as well as *during* and *after* your migration. Please look at the Web site and review the roadmap before you start. This will help you to be prepared to upgrade your computer to the XP operating system.

Software upgrades to be installed as part of the XP migration process go beyond Windows XP and Office XP to also include the latest versions of Norton AntiVirus, WinZip, Acrobat Reader, QuickView Plus, TimeSync and PopFon software.

If you have any questions about the XP project, send them to Lockheed Martin Information Technology at the e-mail address below.

XP Project Home Page

<http://www.rl.gov/xp>

XP Application Testing Matrix

<http://www.rl.gov/xp>

under the “APP Testing” tab

XP Project Mailbox

^Windows XP Project

# Hanford Advisory Board instrumental in decision-making

In the 1990s, the U.S. Department of Energy at Hanford conducted a series of public-participation forums to help get early and meaningful input on cleanup decisions from its many and diverse stakeholders. These forums were the result of two forces at work — citizens' insistence on having a role in making Hanford cleanup decisions, and DOE's willingness to open its decision-making processes to public scrutiny.

To acquire advice and recommendations from its stakeholders, DOE created the Hanford Advisory Board in 1994. The board includes representatives of local and regional governments, Native American tribes, business interests, the State of Oregon, environmental organizations, public-interest groups and the general public.

"The government makes better decisions when it hears ideas and concerns from its citizens," said Marla Marvin, director of Communications for the DOE Richland Operations Office. "The HAB is Hanford's most valuable public-participation forum and definitely helps us make better decisions."

HAB members view the board as the "keeper" of the Tri-Party Agreement signed in 1989 by the State of Washington Department of Ecology, the Department of Energy and the Environmental Protection Agency. The board works to ensure that the Tri-Party Agreement remains a credible document.

When Hanford recently issued the *Accelerated Cleanup Performance Management Plan for Accelerated Cleanup of the Hanford Site*, the HAB was thrust into quick action. "The board has been responsive and timely in responding to urgent requests from DOE for input on the Hanford Performance Management Plan," said DOE-RL manager Keith Klein. "They provided us good insight and solid advice to improve the plan."

When the Hanford Advisory Board and the Tri-Party agencies compared priority lists for this fiscal year, they found the two lists were nearly identical, demonstrating consensus concerning the DOE work that will benefit from HAB input and advice. These are a few of the issues the HAB is focusing on this year:

- Accelerating closure of high-level waste tanks
- Exploring alternative technologies for immobilizing low-activity tank waste
- Establishing an integrated strategy for Hanford groundwater
- Accelerating retrieval and shipment of several types of waste
- Accelerating cleanup of Hanford's central plateau
- Beginning risk-assessment processes
- Linking acceleration plans to project baselines.

Stakeholders, including tribal governments, recognize that DOE is responsible for the final decisions, but the advisory board helps the agencies understand the public's perspective. Experience at Hanford has proven again and again that key cleanup decisions made openly and with full public participation produce not only better decisions, but also decisions that can be implemented.

*For more information, visit the Hanford Advisory Board's Web site at <http://www.hanford.gov/boards/hab/index.htm>. ■*

# 2003 Health and Safety Exposition set for May 6-8

All Hanford employees and their families, friends and neighbors are invited to attend the Health and Safety Exposition, Expo 2003, on May 6-8 at the Trade, Recreation and Agricultural Center in Pasco. Both the Exhibit Hall and Pavilion at TRAC will have exhibits concerning the safety and health of employees and their families, both on and off the job.

There is no admission fee to attend Expo 2003; parking is also free. Ask your manager about your company's policy for attending Expo 2003. Each company has different time allowances for employees to attend Expo. The sign-in sheets for safety meetings will be located in the Pavilion. Tours are available for special groups visiting Expo 2003. Check at the information booth as you first enter TRAC for tour information.

Featured events are the vehicle crash demonstrations, which will take place in the Arena and will last 45 to 60 minutes. Following each demonstration, the audience will have about 30 minutes to talk to the participants. Also featured are the bicycle rodeo and bicycle safety inspections, which take place in the Pavilion.

Expo 2003 events kick off on Saturday, May 3, with the Expo Golf Tournament Four-Person Scrambler. The event begins with a shotgun start at 1:45 p.m. at the Columbia Point Golf course in Richland. You can select your own four-person teams or the Expo staff can help put teams

*Continued on page 10.*

## Expo 2003 schedule at TRAC

### Tuesday, May 6 – 12-8 p.m. Family Night

#### Arena Events

1 p.m. — Opening Program

All local fire departments and law-enforcement agencies, U.S. military branches, Hanford Fire Department and Hanford Patrol will send representatives to participate in the color guard. The Richland High School Chorus will sing the National Anthem.

1:30 p.m. — Vehicle crash demonstration

6 p.m. — Vehicle crash demonstration

#### Atrium events

2:30 p.m. — Academy of Children's Theatre presentation, "No Body Gets Hurt".

6:30 p.m. — Tae Kwan Do exhibition

#### Pavilion events

Bicycle safety inspection — any time Expo is open

3:30-6:30 p.m. — Bicycle Rodeo

### Wednesday, May 7 — 7 a.m-8 p.m. Family Night

#### Arena events

10 a.m. — Vehicle crash demonstration (local high schools and driving schools are invited to attend this demonstration)

1:30 p.m. — Vehicle crash demonstration

6 p.m. — Vehicle crash demonstration

#### Atrium events

5:00 p.m. — Academy of Children's Theatre presentation, "No Body Gets Hurt"

6:30 p.m. — Tae Kwan Do exhibition

#### Pavilion events

Bicycle safety inspection — any time Expo is open

3:30-6:30 p.m. — Bicycle Rodeo

*Schedule continued on next page.*

## 2003 Health and Safety Exposition set for May 6-8, cont.

together. The cost will be \$45 per person and includes greens fees, carts, range balls, a barbecue lunch and prizes. For more information, contact Thom Hogg at 376-9005. ■

### Volunteers needed for 2003 Health and Safety Expo

Thirty volunteers are needed to act the parts of victims and drunk drivers for the vehicle crash demonstration at the Health and Safety Exposition May 6-8 at the Trade, Recreation and Agricultural Center in Pasco. In addition to the vehicle crash demonstration, 12 volunteers are needed to help with the bicycle rodeo. Smaller-sized volunteers are needed to wear the costumes of the Vince and Larry crash-test dummies. Coordinators of the 2003 Expo also need 15 easels to display signs. If you are interested in volunteering, or can lend easels, contact Janette Pettey at 376-2884 or at [janette\\_k\\_pettey@ri.gov](mailto:janette_k_pettey@ri.gov).

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### Thursday, May 8 — 7 a.m.-4 p.m.

#### Atrium events

1:30 p.m. — Tae Kwan Do exhibition

2:30 p.m. — Academy of Children's Theatre presentation, "No Body Gets Hurt"

#### Pavilion event

Bicycle safety inspection — any time Expo is open

# BMX bikers raise money for leukemia, lymphoma research

On May 3, hundreds of local kids and their parents, including many Hanford employees, will compete in the "Race for Life," a BMX (bicycle motocross) meet to be held in Richland. Whatever the outcome of the various events, the big winner will be the Leukemia and Lymphoma Cancer Society of America. Funds collected from the riders and their sponsors, as well as entry fees collected by the track operator, will be part of a nationwide fund-raising effort to help pay for cancer research.

BMX tracks around the country have held the annual Race for Life since the early 1980s, when a young rider was stricken with cancer. The American Bicycle Association — in his honor — began the tradition, and the event has raised millions of dollars for cancer research. Nationwide, more than 130 BMX tracks participate.

Many Tri-Cities residents are not even aware that our area has a popular BMX track in Richland. Tucked away near Highway 240 next to the Horn Rapids Athletic Complex (where many Hanford employees play summer softball), it's not something you stumble across if you're not looking for it. But many employees of Fluor, Bechtel, CH2M HILL, Battelle's Pacific Northwest National Laboratory and other Hanford-related companies either compete along with their kids or have sons or daughters who ride BMX.

Todd Winsor of the Hanford Patrol is a BMX competitor, along with his son and a daughter, Shelby, who's a state champion. Rich Hallen of PNNL competes, and so do his sons Thomas and Kevin. Mark Hartzell, also with PNNL, participates with his son. And employees who have children involved in BMX racing include Dwayne Bierman of Fluor Hanford; the Higbees, Cally (Fluor Hanford) and John (Bechtel Hanford); Michael Charves of Bechtel Hanford; and PNNL staff members Becky Ford, David Hebert, Craig Redinger and Geoff Harvey.

"It's easy to get involved in the fun and competition of BMX racing," said Harvey. "Any kid or dad can compete in this particular event. No membership is necessary — just pay a modest entry fee, which will be donated toward cancer research, and bring a safe bike to ride, a helmet, long pants and a long-sleeved shirt, and lots of energy."

In fact, according to Harvey, this is a perfect time for kids and their dads who have thought about BMX racing to give it a try. Just donate at least \$10 to support the Leukemia and Lymphoma Cancer Society and you can participate.

Whether you'd like to contribute to the cause or to participate in this year's "Race for Life," call Harvey at 372-6083, Redinger at 376-3033, or Hallen at 375-6919 for more information. ■



Competitors in the 16-to-24-year-old expert class of BMX riders take the gate at the Columbia Basin BMX racetrack at the Horn Rapids Athletic Complex in Richland. Dozens of Hanford employees and their sons and daughters compete locally in bicycle motocross. Kevin Favrow (left) and Thomas Hallen (center) are sons of Richard Hallen of PNNL. Brent Harvey (second from right) is the son of PNNL's Geoff Harvey.

# Support WalkAmerica, help babies get a healthy start in life

This Saturday, April 26, Hanford employees and members of the community will be helping babies get a healthy start in life. Teams of walkers will be traversing a 6.5-mile loop beginning at Columbia Point Marina in Richland to support the March of Dimes in the annual WalkAmerica fund-raiser.

Registration begins at 8 a.m. and the walk begins at 9. Activities at the beginning of the walk will include warm-up exercises and stretching.

This year, the March of Dimes is focusing on premature birth and raising the awareness of people to the problem:

- Premature birth is the leading Cause of newborn death.
- One of eight babies is born prematurely.
- Premature birth rates are rising.
- Health-care costs for premature babies are about 10 times higher than those for full-term babies.

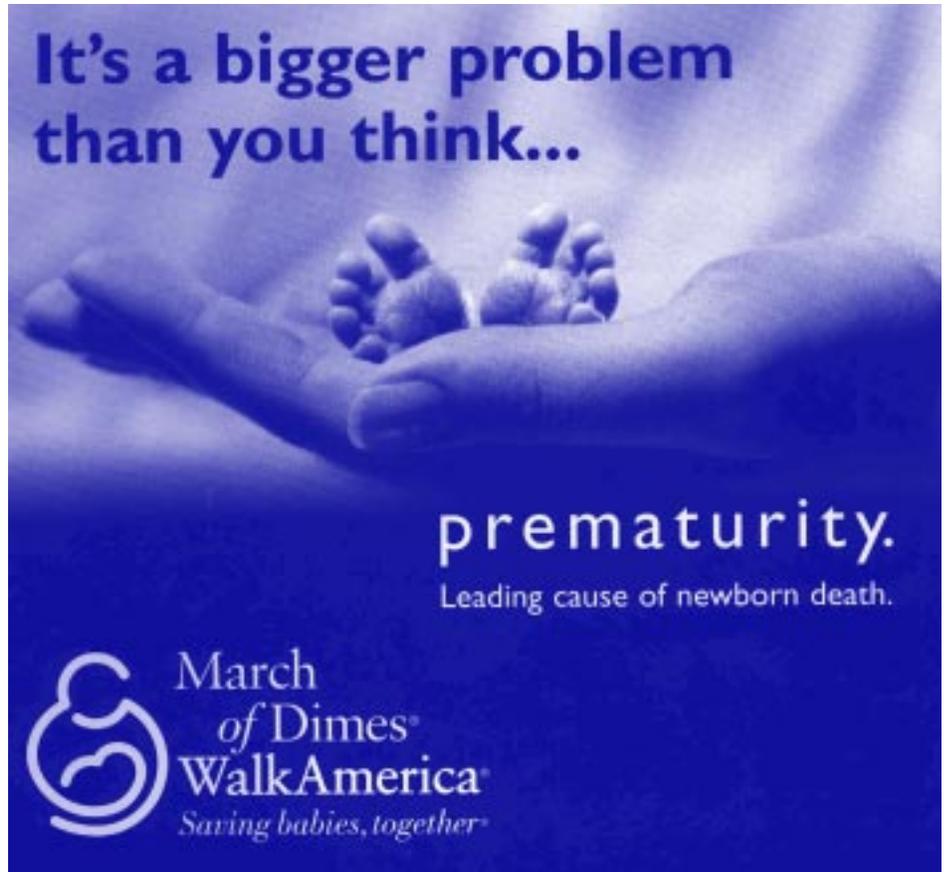
The money you donate or raise will go to the March of Dimes to fund research into the causes and prevention of premature birth and genetic birth defects as well as education:

- It will help educate women to have healthy pregnancies and recognize signs of premature labor.
- It will assist health-care providers in better identifying women at risk for premature birth.
- It will help pregnant women with questions and concerns.

You still have time to participate by getting sponsors and walking or by making a donation. Contact one of the company coordinators listed below. ■

## Company contacts for WalkAmerica 2003:

- |                           |                |          |
|---------------------------|----------------|----------|
| • <b>Fluor Hanford</b>    | Calvin Dudney  | 373-6267 |
| • <b>Bechtel Hanford</b>  | Brenda Kenton  | 373-5909 |
| • <b>Bechtel National</b> | Jamie Chase    | 371-3777 |
| • <b>Battelle/PNNL</b>    | Lisa Brown     | 376-7411 |
| • <b>CH2M HILL</b>        | Betsy Blank    | 372-8355 |
| • <b>Lockheed Martin</b>  | Elizabeth Lugo | 373-0432 |



# 60 Years

**Hanford**  
1943-2003

**The Hanford Site  
celebrates 60 years  
of protecting America**

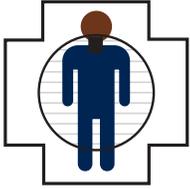


## **Decorating a hero at Hanford**

At the Hanford Engineer Works in June 1944, truck driver Clair Arrowwood received a Silver Star for gallantry in action 19 months earlier on Guadalcanal. Arrowwood was an infantry private when his unit attacked an enemy ammunition train. "Disregarding his own safety," the commendation read, "Private Arrowwood picked up an enemy hand grenade and tossed it back into their lines, causing considerable damage." The citation went on to say that Arrowwood's squad leader was wounded and Arrowwood led the squad as the battle continued.

It was 60 years ago last month that Hanford broke ground for the first Hanford facilities that would be instrumental in bringing World War II to an end. Today, Hanford employees are making history again by participating in the world's largest environmental-cleanup effort.

*Photo from the Sage Sentinel, June 16, 1944, provided by the East Benton County Historical Museum, 205 Keewaydin Drive, Kennewick.*



# What you should know about symptoms of severe acute respiratory syndrome infection

Severe acute respiratory syndrome, commonly referred to as SARS, is a respiratory illness that has recently been reported in Asia, North America and Europe. The Hanford Environmental Health Foundation presents the following information about this relatively new and sometimes fatal illness.

The illness usually begins with a fever greater than 100.4 degrees Fahrenheit. The fever is sometimes associated with chills or other symptoms, including headache, general feeling of discomfort and body aches. Some people also experience mild respiratory symptoms at the onset of the illness. After two to seven days, SARS patients may develop a dry, nonproductive cough that might be accompanied by, or progress to the point of, insufficient oxygen getting to the blood. In 10 to 20 percent of cases, the patient will require very intensive hospital care.

The incubation period (time from exposure to the onset of illness) for SARS is typically two to seven days; however, isolated reports have suggested an incubation period as long as 10 days.

SARS is spread through droplet transmission; in other words, when someone sick with SARS coughs or sneezes droplets into the air, someone else can breathe them in and become infected. It is also possible that SARS can be transmitted more broadly through the air or from objects that have become contaminated. It is believed that people are most likely to be infectious when they have symptoms such as fever or cough.

The treatment is the same as for any patient with a serious community-acquired atypical pneumonia of an unknown cause.

Cases of SARS continue to be reported primarily among people who have had direct close contact with an infected person, such as those sharing a household with a SARS patient and health-care workers who did not use infection-control procedures while caring for a SARS patient.

SARS is caused by a virus that is similar to the type that causes mild to moderate upper-respiratory illness in humans. It is unknown why the virus that causes SARS is more dangerous, but it is being studied.

There is no test available yet for SARS; however, some research that is promising in detecting antibodies to the causative virus is under way.

If you have traveled to an area where SARS is occurring, you may be concerned that you have the illness. If you feel well and have no symptoms typical of the illness, there is no test that a medical provider can perform to reassure you that you will not become ill. If 10 days have passed since your return home, you likely will not acquire the illness.

However, if you become ill with a fever of over 100.4 degrees Fahrenheit and you develop a cough and difficulty in breathing, you should immediately consult a health-care provider. Do not wait to see a health-care provider if you experience these symptoms.

To help your health-care provider make a diagnosis, tell him or her about any recent travel to regions where cases of SARS have been reported and whether you were in contact with someone who had these symptoms.

At this time there are no travel restrictions that are directly related to SARS. However, a travel advisory recommends that individuals who are planning nonessential or elective travel to mainland China, Hong Kong, Hanoi, Vietnam or Singapore may wish to postpone their trips until further notice. ■

# Security Ed Challenge



## Security Ed challenges you on weapons of mass destruction indicators

This week's Security Ed challenge comes from the Hanford Reach article, "Stay alert to indicators of weapons of mass destruction" (April 14):

What does the following quote describe? "Unexplained or unusual odors that may range from fruity and flowery to sharp and pungent, garlic or horseradish-like, bitter almonds, peach kernels and new-mown grass or hay...."

- A. Chemical agent
- B. Biological agent
- C. Radiological agent
- D. Dispersion method

Do you know the answer? Send an e-mail message with the correct answer (indicate "Ed's WMD Challenge" in the subject line) to C. E. (Chet) Braswell, or clip this article, circle the correct answer, add your name and HID number, and send your response to Security Education at MSIN 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.

Submitted By \_\_\_\_\_ Hanford ID No. \_\_\_\_\_

Mailstop \_\_\_\_\_

# 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. Letters are limited to 300 words, and must include your name, company, work group and location. Opinions expressed are those of the author and not of DOE-RL, ORP or their contractors.

### It's your responsibility to comply

This letter is written in response to "Still grumbling" (April 7, *Hanford Reach*). The article, "Display license plates on the front and rear of your vehicle" in the March 24 issue dealt with properly displaying Washington license plates on vehicles and was intended to inform those who are not in compliance with the current *Revised Code of Washington*.

The requirement to have a front Washington State license plate has nothing to do with Department of Energy regulations. This matter is strictly dealt with through the RCW.

Steven MacArthur, author of the April 7 letter, is correct — security police officers cannot enforce the RCWs. We are not allowed to issue state tickets of any type whatsoever. When we see a violation, our only avenue of action is to take down the information and inform the Benton County Sheriff's Office in the form of a formal complaint through the Patrol Operations Center.

After such a complaint has been filed, a Benton County Sheriff's Officer will make contact with the subject at his or her work location to deal with the complaint.

I have to agree that it would be nice to have a Benton County Sheriff's Officer assisting the Hanford Patrol at the Wye Barricade to deal with problems of this nature. This assistance has been requested, but no such action is planned at this time.

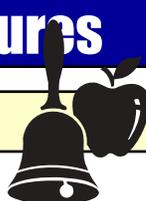
On the matter of expediting access through the barricade, stopping a vehicle to inform the driver on *any* subject holds up the rest of the line. Need I say more?

In conclusion, we ask that individuals take responsibility to comply with the law. This may not always be to everyone's liking, but I suppose it could be worse — you could live in Iraq.

**Lauren Buck**

*Security Police Officer*

*Fluor Hanford*



## CLASSES

### PROTRAIN project-management software classes

Special pricing is available to all April and May attendees of either Primavera or Microsoft Project. To register, call 375-0414 or log on to <http://www.protrainsys.com/regs.htm>.

**Primavera Project Planner** classes will be offered

April 28-May 2. Register now and save up to \$250 off the regular price.

- **Primavera 601, 602 and 603** (5 days) — \$1,795 per person (save \$250)
- **Primavera 601** (3 days) — \$1,095 per person (save \$125)
- **Primavera 602 and 603** only (2 days) — \$795 per person (save \$55).

**Microsoft Project 2000** will be offered May 12-13.

Register now and get the special price of \$348 per person (save \$50).

### Radiochemistry Society offers course April 28 and 29

The one-day course, "Fundamentals of Radiochemistry and Separation Technology for Engineers, Scientists and Managers," will be offered by the Radiochemistry Society on April 28 and 29 at the Red Lion Hotel in Richland. The course will provide scientists and engineers with the formal training and tools for nuclear-related decision-making and the opportunity to network and share experiences and difficult challenges that they may have encountered. Larry Burchfield and Michael Fox are the instructors. Participants will be awarded one continuing-education unit. The course, limited to 75 students, costs \$300. For more information and to register, visit <http://www.nwtechnical.org/courses.html>, or call 528-3048.

### PNNL class on constructing the technical document

The Scientific and Technical Information Department at the Pacific Northwest National Laboratory will present the class, "Constructing the Technical Document: Essential Strategies and Skills," April 29-30, 8 a.m.-4:30 p.m. in the Richland Room of the ROB. This course will equip you with strategies, skills and a set of tools for producing energized technical documents

*Classes continued on next page.*

# Regular Features



## CLASSES continued

that satisfy readers and writers. For more information, check out the Web site at <http://workshops/techdoc.htm> or call Julie Fisher at 375-3981. To register, call Cory Rhoads at 376-7157.

### **Peak Performance offers courses at HAMMER**

Instructors Rick Martinez and Larry Birkhead of Peak Performance Systems will offer two training sessions at the Volpentest HAMMER Training and Education Center. To register for either of the offerings below, contact Rick Martinez, 627-3273, or Libby Sickler via e-mail at [Libby\\_J\\_Sickler@rl.gov](mailto:Libby_J_Sickler@rl.gov), and provide student name and P-Card billing information.

- **Resolving Differences with Others** — April 30, 7:30 a.m.-4:30 p.m. in classroom 28 of the Administration Building. This one-day class provides the power and tools of the professional mediator. The instructors have been certified by the Mediation Training Institute International ([www.mediationworks.com](http://www.mediationworks.com)). The cost is \$245 per person.
- **Cheetah Meetings: Good Meetings Guaranteed!** — May 2, 7:30-11:30 a.m., in classroom 15 of the Administration Building. Learn proven techniques for holding effective meetings that build teams and get the desired results. Included are all the forms, assessments and procedures your team will need to dramatically improve your meetings. The cost is \$150.

### **Effective Presentations course April 30 and May 14**

The eight-hour course, "Effective Presentations," will be presented by Joe Estey at the Hanford Training Center on April 30 and May 14. This course provides participants with the insights, skills and knowledge to speak inspirationally and confidently on any topic. The course, costing \$180 per person, is ideal for those wanting to improve their communication skills. To register, contact Joan Howard at 946-2102 or at [jhoward@energxford.com](mailto:jhoward@energxford.com) or Lynn Collins at 946-9654 or at [lcollins@energxford.com](mailto:lcollins@energxford.com).

### **OSHA Region 10 classes**

In conjunction with the annual conference of the Voluntary Protection Program Association Annual Conference, the Volpentest HAMMER Training and Education Center will offer the following Occupational

Safety and Health Administration Region 10 classes on May 6.

- **Permit Entry Confined Spaces** — 8 a.m.-5 p.m. This course covers the duties of entrant, attendant, supervisory personnel and rescue team. Case histories are presented along with demonstrations of accidents. Testing and ventilation will be stressed. The cost is \$165. The presenter is Rick Gleason of Prezant Associates.
- **Sampling for Hazardous Materials** — 8 a.m.-5 p.m. This awareness-level course will address regulatory issues. Air, soil and water sampling, as well as sampling methodology, are covered. The cost is \$165. The presenter is Maura Doherty of Marine & Environmental Testing.
- **Homeland Defense - Bio-Terrorism** — 8 a.m.-12 noon. Using a risk-management approach, attendees will learn how to protect their companies from terrorist attacks. Students conduct a vulnerability assessment and threat analysis to determine possible dangers in their facilities. The cost is \$80. The presenter is Joseph Teeples of We're Into Safety.

To register for any of these sessions, contact Christine Goody at 372-3692, or register by completing and faxing the registration form for VPP Workshops found at <http://apweb02.rl.gov/phmc/osh/docs/39/docs/VPPForm2.pdf>.

### **MicroShield course offered May 6-8**

Project Enhancement Corporation will conduct a MicroShield course, all-inclusive level, at the Volpentest HAMMER Training and Education Center May 6-8. MicroShield is used for analyses involving gamma and X-ray radiation. The cost is \$1,050 per participant. The course offers 10 continuing-education credits for certified health physicists in the recertification program. To register, or for more information, contact Yvonne Miller at (240) 686-3059 or at [ymiller@pec1.net](mailto:ymiller@pec1.net).

### **Enterprise content management class offered May 12**

Bob Boiko of the University of Washington will conduct the seminar, "Initiating an Enterprise Content Management Initiative," on May 12, 9 a.m.-5 p.m. in the Snoqualmie Room of the NSB on the Pacific Northwest National Laboratory campus. Learn to analyze

*Classes continued on next page.*

# Regular Features



## CLASSES continued

content, approach an organization and evaluate available technology to get an enterprise content management initiative off the ground. The cost is \$350. For more information contact Susan Widener at [susan.widener@pnl.gov](mailto:susan.widener@pnl.gov) or at 376-6992, or visit <http://www.pnl.gov/insidepnnl/pdfs/boikoworkshop.pdf>. To register, contact Cory Rhoads at [cory.rhoads@pnl.gov](mailto:cory.rhoads@pnl.gov) or at 376-7157.

### **Conference discusses responses to terrorist attack**

EnergX is facilitating a two-day "Terrorist Event" mini-conference at the Volpentest HAMMER Training and Education Center on May 15 and 16. Instructors Bill Hillar and Tom Steiner will focus on the preparation and planning that senior management and on-site-responders should take to optimize their response to a weapons-of-mass-destruction event. Attendance is limited to 75 participants. The cost is \$495 and includes refreshments and lunches. To register, contact EnergX at 946-9654.

### **Intellectual property protection seminar held May 16**

Businesses can learn how to protect intellectual assets at the seminar, "Intellectual Property Issues for High-Tech Businesses," presented by the Preston Gates & Ellis law firm on Friday, May 16, 7:30 a.m.-3 p.m. at the Environmental Molecular Sciences Laboratory Auditorium on the Pacific Northwest National Laboratory campus. The cost of registration through May 12 is \$75, \$80 thereafter. Space is limited. To register online, visit [http://www.pnl.gov/edo/ip\\_issues.stm](http://www.pnl.gov/edo/ip_issues.stm). For more information, go to the Web site or contact Gracie Downard at [gracie.downard@pnl.gov](mailto:gracie.downard@pnl.gov) or at 375-2803. ♦

## CALENDAR



### **Fitness presentations offered in 200W,400 Areas**

Fluor Hanford Safety and Hanford Environmental Health Foundation Health Education Services are sponsoring the last three "Make Your Move" presentations on understanding fitness and exercise on April 21, 8-9 a.m. at MO-250 in the 200W Area, and on April 23, 9-

10 a.m. in the 3763 Building of the 300 Area and 10:30-11:30 a.m. in room 302 of the 4706 Building in the 400 Area. Attendance at one of these presentations will meet the April safety meeting attendance requirement for Fluor Hanford employees. For further information, call Carol Powe of Fluor Hanford Safety at 376-8886, or Judi Staley of HEHF Health Education Services at 372-0097. Fluor Hanford work groups that cannot attend the scheduled presentations may call HEHF Health Education Services at 373-3729 to schedule a more convenient time.

### **'Preparing for Adoption' seminar starts April 22**

The Catholic Family and Child Service will present the five-part seminar "Preparing for the Journey of Adoption" at their office at 2139 Van Giesen in Richland, 6-8:30 p.m. on the following Tuesday evenings: April 22 and 29, and May 6, 13 and 20. Adoption professionals will present the material. For more information, contact Sandy at 946-4645, or Lin at (800) 246-2962.

### **Library offers training on industry codes, standards**

The Hanford Technical Library staff will hold a training session on industry codes and standards on Thursday, April 24, 12-1 p.m., in the Mt. Rainier Room of Building 337. This training will emphasize locating, viewing and using full-text standards from the desktop. Attendees will learn to use the Electronic Library of the Institute of Electrical and Electronics Engineers and the Institution of Electrical Engineers to locate current IEEE standards; the National Fire Protection Association online to locate the NFPA codes, including the National Electrical Code (NFPA 70); and the Information Handling Service standards databases for the American Concrete Institute, American Society of Mechanical Engineers, American Society for Testing and Materials, American Society of Heating, Refrigeration and Air Conditioning Engineers, American National Standards Institute Nuclear, Instrument Society of America, National Electrical Manufacturers Association, Underwriters' Laboratories, and Department of Defense-adopted Electronic Industries Alliance standards. For more information, contact Karen Buxton at 372-7451 or at [karen.buxton@pnl.gov](mailto:karen.buxton@pnl.gov).

*Calendar continued on next page.*



## Regular Features

### CALENDAR continued

#### **Northwest Technical Conference April 30-May 1**

The Radiochemistry Society will host the Northwest Technical Conference on April 30 and May 1 at the Red Lion Hotel in Richland. The conference will include presentations on nuclear medicine, the environment, homeland security, decontamination and decommissioning of nuclear facilities and waste management. Other topics will include the use of radioisotopes for public benefit and the role of the Waste Treatment Plant in the region's economy. Featured speakers will include the senior managers from the Department of Energy Richland Operations Office, the Office of River Protection and Hanford contractors. Visit <http://www.nwtechnical.org/> for the conference agenda and registration information.

#### **Volunteers needed to judge student business projects**

Judges are needed to judge Pasco High School students' business projects during Enterprise 2003, May 1 and 2. Enterprise 2003 is a week-long program in which all Pasco High School juniors form mock companies and learn to make decisions about product development, marketing and finances. Volunteers are needed to judge marketing presentations on May 1, 9:30-11:30 a.m. at the Trade, Recreation and Agricultural Center in Pasco; stockholder presentations on May 2, 8-10:30 a.m. at Pasco High School; and trade shows May 2, 11 a.m.-12:30 p.m. at TRAC. For more information, contact Kelly Greenhalgh at 547-5581, ext. 4612.

#### **Mid-Columbia Symphony performs May 3**

The Mid-Columbia Symphony presents its spring concert, "Family Carnival," on May 3, 8 p.m., at Pasco High School's Gregson Auditorium. Featured are percussion virtuoso James Bennett on xylophone, Haydn's "Farewell Symphony," Britten's "Young Person's Guide to the Orchestra" with narration, and winners of the 2003 Young Artist Competition. Tickets are \$27 for the gold section, \$21 for the silver section and \$12 for the bronze section. Tickets are available at the Battelle Performing Arts Business Center, 716 Jadwin, 943-6602 or 943-2787. The seating chart and concert information are available at [www.midcolumbiasymphony.org](http://www.midcolumbiasymphony.org).

#### **Donate blood at HAMMER May 7**

The American Red Cross will hold a blood drive on Wednesday, May 7, 9 a.m.-2 p.m. in the vehicle bay of the Al Alm Building at the Volpentest HAMMER Training and Education Center. Call Libby Sickler at 376-7117 to schedule an appointment.

#### **May 10 golf tournament to benefit Girl Scouts**

Girl Scouts Mid-Columbia Council is holding the Fourth Annual Girl Scout Golf Classic Tournament on May 10 at the Tri-City Country Club in Kennewick. The Girl Scouts Mid-Columbia Council supports programs for girls — camps, sports activities, cultural and science and engineering events — in more than 14 counties in Washington and northern Oregon, including the Tri Cities. The shotgun start is at 1 p.m. Entry fees are \$100 per player, \$400 per foursome. Prizes will be awarded. A silent auction will be held. For more information, call the council office at 783-7721.

#### **Leadership is subject of AQP/ASQ meeting May 13**

The May 13 meeting of the local Association for Quality and Participation and the American Society for Quality at the Richland Shilo Inn will feature Rado Harrington of Harrington Consulting Services. His presentation will focus on building success in the team development process by learning to serve others as a visionary leader. Check-in and networking begins at 5:30 p.m., the buffet dinner is at 6 and the presentation is at 7. The cost is \$16 for AQP and ASQ members, \$18 for non-members, or \$5 for the presentation only. Make your reservations by May 8 by calling 372-1442, by e-mail to [lynn\\_1\\_gates@rl.gov](mailto:lynn_1_gates@rl.gov) or register via the AQP chapter's Web site at <http://www.3-cities.com/~gates/AQPQuest.htm>. Click on "What's Next" for more information about the program, speaker or the dinner menu.

#### **May 13 CHMM meeting features Norm Boyter**

The May 13 meeting of the Eastern Washington Chapter of the Academy of Certified Hazardous Materials Managers will feature Fluor Hanford's vice president of the Spent Nuclear Fuel Project, Norm Boyter, as the speaker. The meeting will take place in the Gallery Room of the Richland Public Library and it is free and

*Calendar continued on next page.*

## Regular Features



### CALENDAR continued

open to the public. The social and networking time begins at 6:30 p.m. and the presentation and business meeting begin at 7.

#### **Luncheon for cancer survivors held May 17**

The Tri-Cities Cancer Center and the American Cancer Society, in conjunction with the Relay For Life of Benton-Franklin Counties, are seeking cancer survivors to invite to the Survivor Luncheon that will be held 12:30-1:30 p.m. on May 17 at this year's Relay for Life in Southridge High School Stadium in Kennewick. May 17 is Survivor Day at the Relay for Life, which continues through May 18. Survivors will participate in the inaugural lap around the field and then have lunch. Each invited survivor may bring along one other person — both are the luncheon guests of the event organizers. Lunches are available for additional family members or care givers at \$3 for children and \$5 for adults. Cancer survivors have special needs and interests, and the luncheon will allow you to connect with other survivors and find opportunities to inspire and reflect. To sign up, call Kathye Kilgore at 737-3411.

#### **Dinner, auction benefits Mid-Columbia Symphony**

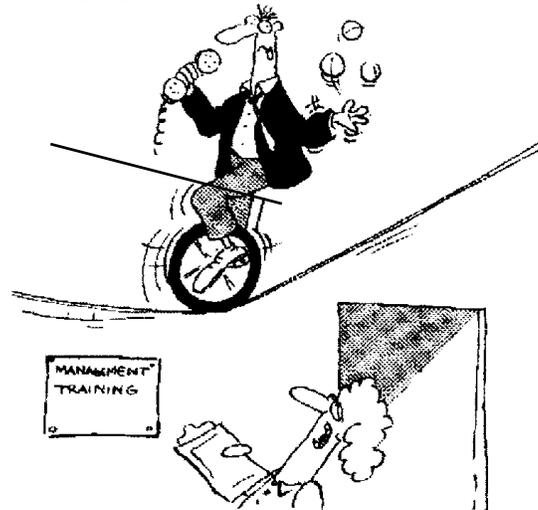
The Tri-Cities Wine Society presents the third annual "Perfect Harmony: A Fine Wine Auction and Dinner," benefiting the Mid-Columbia Symphony on Saturday, May 17 at 6 p.m. in the Lampson International Hangar in Pasco. The event will feature an auction of regional wine, original art and gift packages; a six-course gourmet dinner; and dancing to the Mancinelli Big Band. Tickets are \$90 before May 1 and \$120 thereafter. Tickets are available at the Battelle Performing Arts Business Center, 716 Jadwin, Richland, 943-6602. For more information, visit <http://www.midcolumbiasymphony.org/perfect.html>.

#### **Adopt a fish to support children's fishing derby**

Safe Harbor Crisis Nursery is seeking donations to stock the Columbia Park Fishing Pond in time for a fishing derby on Saturday, June 14, for children up to 16 years of age. Derby registration is free. Help the Safe Harbor Crisis Nursery host this fishing derby by

adopting fish for \$1 each. All donations may be sent to SHCN, 1111 N. Grant Place, Kennewick, WA 99336. All contributions are tax deductible and proceeds in excess of costs will be used to support SHCN. ♦

## Farcus

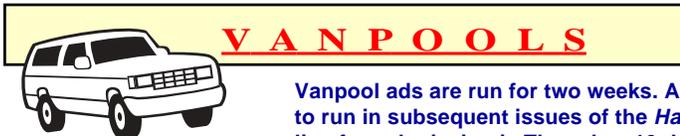


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**Okay, that's good.**

**Now smile.**

# Regular Features



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. Vanpool and carpool drivers are responsible for ensuring their passengers are badged. If a passenger forgets his or her security badge, access is denied at the barricade. The individual is required to go to a badging station for a temporary badge or go home to retrieve the badge. For more information visit the Safeguards and Security Web page at <http://apweb02.rl.gov/phmc/sas>.

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## KENNEWICK

Riders wanted for Van No.123 to 200E, 8x9s shift. Safe, dependable and friendly. Current stops are Huntington Transit Station, Federal Building, 2750-E, MO-414 2704-HV, and 2701-HV. Call **Eric** at 373-4497 or at 735-6755 (home). 4/14

Riders are needed for Van No. 196. Picks up along a route from South Kennewick in the vicinity of Vancouver and 36th to 200E. Current route is Vancouver, Olympia, Kennewick Ave., Clearwater, West Hood, Canal and Edison and Highway 240. Current drops are 2750, teamster area/carpenter shop, 225-B, 2704-HV. Current rate is \$58 to \$64. Contact **R. John Townley** at 372-0223 or by e-mail. 4/14.

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## RICHLAND

Vanpool to 200E needs a rider, 8x9. Rate as low as \$33.50 per month. Leaves former Hanford bus lot (across from 2440 Stevens) at 6:25 a.m. and drops off at 2750-E and MO-276 (behind 2750-E). Arrives at bus lot at 5 p.m. on Mondays through Thursdays and at 4 p.m. on Fridays worked. Contact **Dave Hedengren** at 373-5094. 4/14

Vanpool No. 216 to 200E needs a rider, 8x9, 7 a.m.-4:30 p.m. Picks up door-to-door in Richland. Van starts on the south end of Jadwin, winds its way up Thayer and Williams, over to George Washington Way and out to 2750-E and 2704-HV (if rider is a backup driver). If you want door-to-door pickup and are in those areas, call **Michelle Calvert** at 376-5400. 4/14

Spacious seating for 200W Area 8x9 riders available on Van No. 117. Vanpool departs from and returns to the parking lot adjacent to 1019 Wright in Richland. E-mail or call **Gary Bush** at 372-2531. 4/14

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## PASCO

Van No. 213 to 200E needs riders. Leaves Desert Ice, across from the Broadmoor Park Mall off of Road 100, at 6:10 a.m. Drops off at 2750-E and 2704-HV (or any place along the way). Willing to be a backup driver is good, but not necessary. Picks up in reverse order in the evening. Arrives back at Desert Ice around 5:20 p.m. E-mail **Douglas Bailey** at [douglas\\_m\\_bailey@rl.gov](mailto:douglas_m_bailey@rl.gov). 4/21

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## WEST RICHLAND

Van No. 120 is looking for two riders, 8x9s, leaving Flat Top Park at 6:10 a.m. for the following destinations: 272-AW, MO-273, 2750, 272-B and 2727-E. Contact **Glenn Garman** at 372-0054 or **Curt Hedger** at 373-7935. Come sit back and enjoy the ride, and keep your gas bill down. 4/21 ♦