Oboe plays again

by La Tomya Glass

Despite technical delays, the 17th subcritical experiment was successfully conducted by Lawrence Livermore National Laboratory (LLNL) scientists at the U1a Complex located at the Nevada Test Site. The *Oboe 9* subcritical experiment, detonated at 2:46 p.m., June 7, was designed to answer questions related to material properties of plutonium and proof of diagnostics for the upcoming *Piano* subcritical experiment scheduled for 2002.

According to **Tim McEvoy**, the National Nuclear Security Administration Nevada Operations Office's assistant manager for national security and *Oboe* test controller, "subcritical experiments are an important tool and contribute to the overall safety and reliability of our nation's enduring stockpile."

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NTS receives $33 million for accelerated cleanup strategy

by La Tomya Glass

Following a series of meetings between the National Nuclear Security Administration Nevada Operations Office (NNSA/NV), and the state of Nevada officials, U.S. Department of Energy (DOE) Secretary Spencer Abraham signed a Letter of Intent to enter into agreement to accelerate the cleanup at the Nevada Test Site.

photo by Keith Kolb

*IT Corporation industrial site workers, **Brandon Johnson**, (seated, far left), **Mike Swearingen**, and **John Davis**, process samples taken at the Nevada Test Site using a direct push method. The samples are gathered in support of the Nevada Test Site's environmental management program.*

DOE is setting aside $33 million under the Accelerated Cleanup Reform Account for the Nevada Test Site. This will increase the total environmental management budget to about $94 million in Fiscal Year (FY) 2003. Under the agreement, the parties will work to complete cleanup operations at the site by 2010, instead of the previously planned 2020.

"We are taking a proactive approach at the test site by working with our regulators, stakeholders, and other sites to prioritize risks, identify additional opportunities for an accelerated cleanup, and determine a cost-effective approach to fundamental cleanup activities," said **Carl**

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McEvoy acknowledged the success of the subcritical experimental program is due to the technical expertise and dedication of the people involved, "everyone involved in *Oboe 9* is commended for their contribution to its success."

The *Oboe 7* subcritical experiment conducted on December 13, 2001, was announced as the last experiment in the *Oboe* series. However, scientists had since determined a need to conduct at least one additional experiment in the series to collect additional data.

"Data collected from the entire series of *Oboe* experiments was so robust that it revealed an area that indicated additional experimentation would be required, in the form of another experiment," said **Walter Dekin**, LLNL, test director.

The *Oboe* series answered questions about surface phenomena ejecta, such as spall in weapons materials that are shocked by high explosives. The experiments differ in configurations from the other subcritical experiments, by using expendable steel vessels that had been tested 600 pounds per square inch. The vessels protected the alcove from the high explosive and experiment debris, which allows the reuse of the alcove for the series of subcritical experiments.

The scientific data produced from these experiments supports the National Nuclear Security Administration's Stockpile Stewardship Program to maintain the safety and reliability of the United States nuclear weapons stockpile without conducting underground nuclear tests. Data from such experiments helps scientists create computer models to chart the reliability of the nation's aging nuclear weapons stockpile.

NTS receives $33 million for accelerated cleanup strategy

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Gertz, NNSA/NV's assistant manager for environmental management at the Nevada Test Site.

This is the fourth agreement reached under the Department's Environmental Management Accelerated Cleanup Program, whose goal is to streamline operations by working with states and regulators to clearly target and reduce the greatest health and environmental cleanup risks at the country's Cold War nuclear weapons production facilities. DOE signed Letters of Intent with the Hanford and Oak Ridge sites, as well as the Idaho National Engineering and Environmental Laboratory.

"This agreement provides the framework necessary to accelerate the cleanup and it is a major step to effectively reduce health risks and expedite the environmental cleanup of the Nevada Test Site," said
Secretary Abraham.

"Working with the states and other regulatory agencies, DOE is proposing a new way of doing business, leading to greater accountability, responsibility, and opportunities for both the (Energy) Department and the states," he added.

The parties to the agreement will work closely with regulators to ensure all activities are compliant with applicable state and federal regulations and protect human health and the environment. Risk reduction is the primary focus of the accelerated cleanup program.

Coupled with the other already announced accelerated cleanup plans, this agreement brings the total to $759 million dedicated out of the $800 million accelerated cleanup account. Secretary Abraham has formally requested from the Office of Management and Budget (OMB) that additional money will be necessary to fund future accelerated cleanup projects, as outlined under the Department's Environmental Management Top-to-Bottom Review and the FY 2003 Budget Request approved by OMB.

Initiatives for accelerating cleanup and reducing risks under the Nevada plan include the following:

- Accelerate corrective actions at industrial sites by two years, with anticipated completion in FY 2008;
- Implement negotiated corrective action strategy for the Underground Test Area Project;
- Advance corrective actions for plutonium-contaminated soils by 10 years, with completion anticipated in 2010; and
- Move up scheduled activities to support shipment of transuranic waste to the Waste Isolation Pilot Plant (WIPP) by two years, with project closure scheduled for 2007.

NNSA/NV dedicates $18 million communication system

by Kirsten Kellogg

The National Nuclear Security Administration Nevada Operations Office (NNSA/NV), in conjunction with Motorola, Inc. and WebLink Wireless, Inc., dedicated the recently installed Base Support Trunk Radio and Wireless Data system. Representatives from Motorola, WebLink Wireless, Nellis Air Force Base, Bechtel Nevada, and the Nevada Highway Patrol attended the event to celebrate the start-up of the system.

As part of a Congressional mandate to reduce the bandwidth of the federal wireless radio channels, the NNSA/NV embarked on a $18 million project to replace and modernize the two- way radio and wireless data systems. The wireless data system portion of the project resulted in the installation of a new messaging computer, 14 transmitter and receivers sites, and antenna systems working in communication with a satellite downlink. The resulting network provides not only local coverage but nationwide, state-of-the-art, advanced messaging services.

The two-way radio network replacement provided the engineering, design, installation, and site support for 10 mountaintop sites for the communication system. This trunking design allows the mutual sharing of a small number of communication paths by a large number of users covering the Nevada Test Site and the metropolitan Las Vegas area.

"We are pleased to partner with Motorola and WebLink Wireless in this first-of-a-kind communication system in the state of Nevada that has resulted in mutual benefits for Nellis Air Force Base and Nevada Highway Patrol," said **Kathleen Carlson**, NNSA/NV manager. "The primary advantages of the system are faster access, better channel efficiency, user privacy, and flexible expansion."

photo by Vince Stern

***James Catlin**, Bechtel Nevada (right), explains to **Jay Norman**, NNSA/NV deputy manager (left), how the newly installed communication system works.*

A special thanks to the following people for their commitment to the Base Support Trunk Radio and Wireless Data System project: **James Catlin**, BN; **Beverly Colbert**, NNSA/NV; **Dusty Cole**, BN; **Rick Coleman**, BN; **William Donahoe**, NNSA/NV; **Gerald Dries**, BN; **Steve Dyson**, BN; **Guy Gunthorpe**, BN; **Robert Haney**, BN; **Tom Holleran**, BN; **Lance Rakow**, BN; **Frank Thielke**, BN; **Thomas Thompson**, BN; and **George Van Houten**, BN.

Nevada Test Site Directed Research, Development and Demonstration program

by Nancy Tufano

Nevada Test Site Directed Research, Development and Demonstration (SDRD) program objective is to replace aging technologies, develop new and innovative engineering processes and systems, and rejuvenate the technical base necessary for operations and readiness at the Nevada Test Site (NTS). The program began implementation in February 2002 at North Las Vegas, Los Alamos, Livermore, the Special Technologies Laboratory, and the Remote Sensing Laboratories and provides special services such as program and task management, technical research and development, general support and administration, and project controls to specially selected projects.

Projects are selected through a careful examination process. A call for proposals was issued in October, 2001. A selection panel composed of operations, a technical review team, the national weapons laboratories, an SDRD committee, and NNSA/NV reviewed a total of sixty-nine proposals from all locations. In January 2002, the panel greenlit forty-two of the sixty-nine submissions. Selection criteria was based on technical merit and innovation, program applicability, the probability of achieving research and development objectives, benefits and returns on investments, critical skills applicability, and the leverage and interaction with government, university and industry.

Selected SDRD projects fall into four categories:

Software
The thirteen selected projects will work to enhance image processing, modeling, and radiography software; for example, the identification of land and target characterization for remote sensing.

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Nevada Test Site Directed Research, Development and Demonstration program

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Instruments
Eleven projects will focus on calibration, data links, streak cameras, transmission lines, triggering, and black and white motion sensors, such as the fiberoptic VISAR.

Detectors
Laser cooling of detectors and sensors is one example of the current ten detector projects..

Imaging
Eight projects will focus on radiographic, optical, and infrared imaging systems such as the compact intensified cameras presently in development.

Project progress is measured through work control packages, project execution plans, milestones, management monitoring, cost tracking and reporting, activity reports and a yearly program review. The SDRD program is expected to result in cutting-edge technology for the NTS.

The Fiscal Year 03 SDRD implementation schedule is underway. Project proposals were due June 28, 2002 and project selection is expected to occur in September and project work expected to commence in October. For more information about the SDRD, contact **Wil Lewis** at **(805) 681-2278.**

Safety Focus

This article highlights the various components that comprise Bechtel Nevada's Construction Safety Program. Over the next several months, a new monthly article will address a different component of Bechtel Nevada's unique Construction Safety Program.

Construction Safety Improvement Process focuses on training

by Pamela Haynes and Jennifer Morton

With more than 400 personnel in Bechtel Nevada's construction department and more coming in every day, employees are looking for ways to improve training and still maintain the high quality and proper balance on the job site.

As part of the Safety Improvement Process, employees analyze two key components of the Customized Training Program. The first component is to determine if information covered during the training course applies to construction-related work. Since this question is usually answered at the end of the training course, a generic questionnaire was developed to apply to various forms of training including video, computer-based training (CBT), and in the classroom.

Upon completion of each class critique, the questionnaire is given to construction management for review. Further recommendations or comments are forwarded onto the training department. The goal is to gain valuable feedback to ensure the training criteria meets the guidelines set forth by the Mine Safety and Health Administration, Occupational Safety and Health Act, the National Nuclear Security Administration, Bechtel Nevada, and the construction department. Over the next several years, all required construction training classes will encounter similar reviews.

The second component of the Customized Training Program analyzes how disruptive the current training method is and the action required to fix it. Several suggestions were introduced and plans are underway to implement them by the end of this fiscal year.

The first suggestion is to include the security refresher, ethics, diversity, and fire extinguisher training sessions into one training session. Since these training programs are mandatory for all employees on an annual basis, it is cost effective and efficient for project managers to shut down all areas of work for a day or two. Construction management is working with the functional managers responsible for the training courses to achieve this goal by implementing the recommendation by the end of this fiscal year.

The second suggestion is to train crafts at the same time every year. An example is to train carpenters and wiremen during the months of January through March and train miners and operators during the months of April and June. The same group would then attend the annual training together. New employees will receive their training on their first day on the job, but would then join the corresponding group's rotation.

The third suggestion concerns CBT. Currently, there are three CBT stations, but not enough training CD's for every station which reducing the efficiency of CBT utilization. The construction department plans to continue working the training department to find the necessary funding to address this inefficiency.

Bechtel Nevada's construction department continues to work with its "customers" to evaluate requirements and determine the best course of action to revamp their training process.

News Briefs

Temporary Outreach Resource Center opens in Pahrump

by Kirsten Kellogg

Current and former Nevada Test Site workers and their families have a more convenient place to file compensation claims under the Energy Employees Occupational Illness Compensation Program Act. The Las Vegas Resource Center has opened a temporary Outreach Resource Center in Pahrump, Nevada to provide claims information and filing assistance.

Hours of operation for the center are 10:00 a.m. to 4:00 p.m. on **Tuesday, August 13**. The Outreach Resource Center is located at the Pahrump Valley Chamber of Commerce in the Nevada State Bank Building, 1301 South Highway 160, Pahrump.

The Energy Employees Occupational Illness Compensation Program Act went into effect July 31, 2001, to compensate nuclear weapons workers who became ill as a result of on-the-job exposure to radiation, beryllium or silica.

For additional information or to schedule an appointment to file a claim, call the **Las Vegas Resource Center (702-697-0841)** or **toll-free (1-866-697-0841)**. Information about the Energy Employee Occupational Illness Compensation Program Act is available on the **Labor Department's Web site (www.dol.gov)**.

Magic Brite Janitorial, Small Minority Business of the Year

by Kurt Arnold

Magic Brite Janitorial, a subcontractor to the National Nuclear Security Administration Nevada Operations (NNSA/NV) and Bechtel Nevada, has received the Nevada Minority Purchasing Council's Small Minority Business of the Year Award.

Magic Brite Janitorial was presented with the Small Minority Business of the Year award at the Nevada Minority Purchasing Council's Seventh Annual Excellence Awards ceremony. Nominated by the Latin Chamber of Commerce, the subcontractor was honored for its outstanding products and services under the community awards category.

As a small disadvantaged business, Magic Brite Janitorial, was awarded a contract two years ago to provide janitorial services to NNSA/NV's Nevada Support Facility. In November 2001, it was awarded a five-year contract to provide services to the buildings occupied by Bechtel Nevada in North Las Vegas. It also has janitorial contracts with the General Services Administration in Denver, Colorado and Reno, Nevada; the Bureau of Reclamation at Hoover Dam; the Bureau of Land Management at the Red Rock conservation area located outside of Las Vegas; the Child Development Center at Nellis Air Force Base; and at the Belz Factory Outlet World in Las Vegas.

"Winning this award is an honor," commented **Robert Gomez**, Magic Brite Janitorial's general manager. "This award is meant for our workforce. It is a great feeling to have an outside agency and our community acknowledge our workforce," added Gomez.

Facts about Magic Brite Janitorial

- Founded in 1989
- Small disadvantaged, minority-owned business based in Las Vegas, Nevada
- A custodial firm servicing large commercial, government, and retail clients
- Employs 125 employees
- Certified as a HUBZone contractor
- One of Nevada's largest minority-owned firm (according to "Top Rank of Nevada, Book of Lists)

photo by Mary Scodwell

Antelope can run up to 55 miles per hour and have a tendency to suddenly cross in front of vehicles on roadways. If you spot antelope while driving, simply slow down and keep the antelope in your sight as you pass them.

Where the deer and antelope roam

photo by Mary Scodwell

Every year small number of antelope are seen on the Nevada Test Site foraging on native shrubs near roadways.

This Six Sigma feature focuses on the Process Improvement Projects (PIPs) at the National Nuclear Security Administration Nevada Operations' complex. Over the next six months, a different article will detail each PIP, the team associated with the PIP, and the anticipated benefits and cost savings involved with implementing the recommendations of the PIP team.

Cost correction yellow belt PIP

by Jennifer Morton

A cost transfer is a process where costs are moved from one project and task to another project and task. Since this process costs Bechtel Nevada extra time and money, a yellow belt Process Improvement Process (PIP) team has devised measurements to reduce the number of cost transfers that take place by more than half.

photo by Kurt Arnold

Cost Correction Yellow Belt PIP team members (from left) ***Brenda Moore, Shantel Waltari, Lois Prihepa, Dorothy Flangas, Rande Finkley****, and* ***Frances Tackett*** *discuss the cost correction approval process. Not pictured are team members Kathie Sodeman and Kay Caneva.*

During fiscal year 2001, the Bechtel Nevada controller's department processed an average of 70 cost correction vouchers per month. The dollar amount of these corrections was about $9 million, approximately 2.7 percent of Bechtel Nevada's total costs for the year. The Cost Correction Yellow Belt PIP team wants to reduce the average cost corrections per month to less than 30 and reduce the average preparation, approval, and processing time by 50 percent.

Team members **Kay Caneva**, **Rande Finkley**, **Dorothy Flangas**, **Brenda Moore**, **Lois Prihepa**, **Kathie Sodeman, Frances Tackett**, and **Shantel Waltari** (Yellow Belt) first prepared a detailed process map for the current cost correction process and identified value-added and non-value-added steps. Analysis of the results obtained during the process mapping phase led the team to identify potential problems within the cost corrections process. The team also collected data from fiscal year 2002 regarding the number of cost corrections submitted and the reasons for the needed transfers. The team evaluated these reasons to see which ones were controllable and how to control them.

Financial accounting's primary goal is to provide decision makers with complete and accurate financial data in a timely manner. Failure to do so can result in delays in business decisions or in extreme cases, wrong decisions based on erroneous data.

The time it takes to properly record cost transactions the first time is considerably less than to correct the costs afterwards. An accurate cost entry coding takes one person's time, while correcting an entry takes a minimum of three people's time — a cost analyst/project control engineer, project manager, and an accountant. Prior to fiscal year 2002, this was a manual process and very labor intensive. The implementation of the Oracle software and some additional recommendations, that the team will soon make, should speed up the process and eventually lower costs.

Correction

In the June 2002 issue, **Neal Westphal** was inadvertently omitted from the list of Bechtel Nevada employees who participated in the Christmas in April project. - Editor

Bechtel Nevada also received gold medals in Skeet Shoot and Trap Shoot at the 2002 Corporate Challenge. - Editor

In the next issue of *SiteLines*...

Beyond the call

Christmas in April returns to Pahrump

by Rick Remington

This year's Christmas in April-Pahrump Valley project was the refurbishing of Dorothy Ragsdale's home. Dorothy, a 66-year-old widow, owns an older model trailer home, which her late husband had renovated to include a kitchen, bedroom, laundry room, and sitting area. Dorothy's major concerns were a severely leaking roof and the kitchen area that was settling on one side.

photo by Pat Watson

Dorothy Ragsdale's older model trailer home before Christmas in April-Pahrump Valley volunteers repaired her severely leaking roof and kitchen area that was settling on one side.

The project began on Saturday, April 13 with the stripping of the roof's asphalt shingles, felt paper, and sheeting down to the roof's rafters. Volunteers installed new Oriented Strand Board (OSB - a performance-rated structural panel engineered from a completely renewable resource – small-diameter, fast-growing trees – for its strength, versatility and manageability), exterior sheeting, felt paper, drip edge, asphalt shingles, and new fascia were replaced. Bechtel Nevada employees involved in this effort were **Jim Bob Faglier**, **Lester (Dave) Johnson, Doug Jones** and **Rick Remington**, the project's House Captain. C.J. Coker from High Desert Roofing donated all of the shingles and provided his expertise in its installation. Other volunteers included Scott Howard, a local carpenter who helped with the roof; Patricia "Pat" Watson, retired NNSA/NV employee and secretary/treasurer for the Christmas in April-Pahrump Valley chapter; and C.J. Coker's wife, Jeanne; joined Dorothy, the homeowner, in painting the trellis work on the porch.

The next Saturday, work began on the yard, the painting continued, the kitchen area was leveled, and a concrete flower bed in the front yard was repaired. In order to level up the kitchen area volunteers had to go under the house/trailer. It was evident that no one had been under there in some time and there we all kinds of creepy crawling critters. On Friday night, Dorothy stayed at her daughter's home so that insect foggers would rid the insects from underneath her home. The next day, volunteers were ready to begin work underneath the home. Doug and Rick got under the house and installed a beam along the low edge of the floor. Trailer jack stands were used under this beam to lift and level the floor. **Ken Machynia,** Bechtel Nevada concrete finisher, repaired the cracks in the concrete flower bed. Pat Watson, Jeanne Coker, and other volunteers trimmed and removed weeds from the yard. Rennie Hoffman, the first Christmas in April- Pahrump Valley recipient, provided lunch for the volunteers.

photo by Pat Watson

Dorothy Ragsdale's home after volunteers made exterior and interior repairs and landscaped her front yard. Dorothy was chosen by the Christmas in April-Pahrump Valley chapter to receive assistance in repairing her home.

On April 27, the national event day, saw a very good turnout of Bechtel Nevada and local volunteers. **Jim Bob and Vicki Faglier**, **Marshall Laub**, **Rick Remington** and his wife Terry, **Scott Tibbits**, and **Bradley Van Cleave** volunteered their time for event day. Scott brought his Pahrump 4-H group to remove weeds, brush, and general clutter. **Vicki Faglier** attacked the front and back yards with Rick's yard tractor and grass flew everywhere. Marshall and Jim Bob trimmed the trees with shears and trimmed the yard with weed whackers. Terry organized the painters, including volunteers from the Pahrump Valley Realtors Association. They painted the concrete flower bed, all the windows' trim, and a small wooden bridge over the flower bed. The Retired Fire Fighters Association performed a safety inspection of the home and came up with some recommendations, which Bradley and Rick addressed. Those repairs included the installation of a receptacle cover, replumb the water heater, and mounting a fire extinguisher in Dorothy's kitchen. Pat and her husband, Curtis, built and installed a new street address sign for the home. Pahrump Sanitation donated their services to pump out the septic tank. A local home maintenance contractor provided a barbeque lunch.

"This was a very good year for community involvement," commented **Rick Remington**. " It just gets better each year."

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A big "thank you" to all the volunteers and the following companies and organizations for their donations: Bechtel Nevada (monetary and volunteers), Pahrump Sanitation (Porta Potties, backhoe, and septic tank service), Pahrump Valley Disposal (dumpster service), Pahrump Valley Realtors Association (volunteers), Pahrump Valley 4-H (volunteers); Wackenhut Services, Inc. (monetary), Silver Tappers (breakfast), Ace Hardware (building materials), and United Way of Pioneer Territory (monetary).

photo by Cheryl Oar

With a determination to make a difference in the Las Vegas community, Bechtel Nevada volunteers join other community volunteers to help raise the walls on a new home for a North Las Vegas family.

Bechtel Nevada raises the roof

by Judith Lacuadra

On Saturday, May 18 several Bechtel Nevada volunteers joined other volunteers in a special event that "literally" raised the roof on a new home.

Volunteers armed with hammers, paint brushes, and sheer strength braved the heat to help erect the framing of the home's exterior and interior walls. In a short time, the once barren concrete foundation now had an outer shell giving the homeowner and the volunteers the chance to see the shape and size of the new home.

photo by Cheryl Oar

*Bechtel Nevada volunteers for the Habitat for Humanity sponsored-home were greeted by **Fred Tarantino**, Bechtel Nevada's president and general manager who came out to meet the volunteers and see the walls of the home go up.*

Bechtel Nevada volunteers who participated in initial Framing Day included: **Gail Anderson; Gina Cook; Tom Fitzmaurice; Trey Johnston; Daniel Kirker; Joe Kneidel** and his wife Pat; **Judith Lacuadra; Teresa Lenhart** and her husband Don Candelaria; **Jared Mathis**; and **Cheryl Oar**.

As a Habitat for Humanity home sponsor, Bechtel Nevada provides a financial donation and more importantly, volunteers to help construct the home. Volunteers work alongside other community volunteers and Habitat for Humanity people, who happily share the day's work scope and how to accomplish it. This approach enables everyone to understand the goal of the day and what they can do to participate and become a part of the team.

Since 1991, Habitat for Humanity Las Vegas, Inc. has built 33 homes in Las Vegas. Several families are presently working toward their "sweat-equity" requirements so that they can move into the homes being built. Bechtel Nevada's sponsored-home is one of the three currently under construction. The construction will continue for the next five months. Those interested in helping with the Habitat home are needed on Fridays and Saturdays.

For additional information about the Habitat for Humanity project or to volunteer, contact **Judith Lacuadra, BN (702-295-1688)**.

BN employees celebrate more than 400 years of service

by Darwin Morgan

lon-gev-i-ty - Long, continuance or duration, as in an occupation. (Webster's II New Riverside University Dictionary)

Longevity is the one word best used to describe the effort and the more than 400 years of service to the Nevada Test Site and the nation. Ten Bechtel Nevada workers, each with 40 plus years of work history, were honored June 13 at a service award dinner.

One recurring theme was that each individual did more than just their job. Their contributions had effects on other people's careers, and our nation's security outside the Nevada Test Site.

Joe St. Marie, who began his career on March 14, 1962, with Holmes and Narver, has throughout his career maintained the integrity of the test sites engineering records. While a significant contribution, St. Marie was recognized for integrity of a different sort. His character, loyalty to people and the job was lauded as nothing short of exceptional.

One honoree, **Charles Foster** has perhaps one of the longest single ties to the site. While Foster began his

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Holmes and Narver career on January 29, 1962, his test site roots go back to 1952. As an enlistee in the United States Air Force he and a team were responsible for defining the original boundaries of the Nevada Test Site. While there were boundaries, he and his team quickly discovered they were nothing more than a set of numbers on paper that did not match up to reality.

As a civil designer at the test site, Foster was on the design team that developed the Pahute Mesa Road system. This effort led to opening up the mesa for the larger tests set for execution on the site. In 1970 he served as lead designer for the Tippipah Highway and served as the project engineer in 1975 for the Wackenhut Security firing range in Mercury, a job fully completed in six months.

The voice of one man is the hallmark of his test site career. As the 900 net coordinator, anyone who carried a radio knew the voice of **Don Walker**, but not his face. Walker started with REECo on August 8, 1961. After a short stint as an air traffic controller in the United States Navy he became the 900 operator and eventually the lead Communications and Information Center operator.

For one of the honoree's he was told on June 5, 1961, his job with REECo would be temporary lasting no longer than six months. He was classified as a "fountain attendant" or soda jerk. **Max Iverson** went on to be a clerk, accountant, food service supervisor, superintendent, and his current position manager of support services in charge of all feeding and housing on the test site. For Iverson his memorable experience was not work at the test site, it was, "...working in a place no one can talk about."

Starting with EG&G on August 2, 1961, straight out of the United States Air Force, **Dick Schlitz** is one of a few people who has participated on more than 200 nuclear tests. As an electronics technician, Schlitz began his work in the pulse power lab on x-ray systems. He moved to high- speed diagnostic recording systems in 1981 and eventually moved into fiber optics where he became the senior operations specialist in the electro-optics group.

photo by Vince Stern

Ten Bechtel Nevada workers, each with 40 plus years of work history, were honored June 13 at a service award dinner. ***Gary Martin*** *(far left),* ***Thane Hendricks, Max Iverson, Al Moeller, Dave Zohner, Joe St. Marie, Charles Foster, Don Walker, Dick Schlitz****, and* ***Kent Brooks*** *were honored for their 40 years of service to the Nevada Test Site by* ***Ken Powers*** *(behind Walker and Schlitz), NNSA/NV deputy manager, and* ***Fred Tarantino*** *(far right), Bechtel Nevada's president and general manager. Not pictured are* ***Thomas Hayes, James Jimerson, Larry McKiernan****, and* ***Charles Wright****.*

July 2, 1962, marked the beginning of **Al Moeller's** tenure at the Nevada Test Site with EG&G. His introduction to the site was working at the Nuclear Rocket Development Station in Area 25. As an electronics technician, he supported instrumentation requirements for the nuclear rocket tests**.** In 1970, he transferred to the weapons' program where he eventually participated in more than 120 underground nuclear tests. Currently, he supports development and research in the demilitarization of military munitions.

For **Thane Hendricks**, squeezing as much data as possible out of a data set has become his trademark. Hired on January 8, 1962, with EG&G Hendricks is a scientist, mathematician, statistician and all around "jack-of-all-trades." Hendricks was recognized, not for his scientific achievements but, for the strong mentor role he has developed at the Remote Sensing Laboratory for the younger workers.

Hired as a housing clerk with REECo on September 9, 1961, **Dave Zohner**, was almost immediately solicited to support the requirements of the United States Army. On his return in 1963, Zohner remembers starting back to work at $1.77, a wage determined to be great for the time. Working throughout the test site in the different housing offices in Mercury, Area 5, Area 6 and Area 12, he now is the Assistant superintendent running the housing office and the North Las Vegas and Remote Sensing Laboratory janitorial contracts.

When **Gary Martin** began for REECo on November 24, 1961, a Thanksgiving Day, his first boss was the man who served as the Manager of the Trinity Site in New Mexico. Martin has served a dual career, not only supporting the Nevada Test Site but also giving 38 years as a United States Air Force reservist working as an airlift manager supporting worldwide activities including a stint in Operation Desert Storm.

On the Nevada Test Site, Martin has supported military customer requirements for readiness training and exercises. Today he supports the new counter-terrorism support department.

Kent Brooks started with EG&G on December 17, 1962, as an electronic technician, in high- speed diagnostic recording systems. Working on

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more than 75 underground nuclear weapons tests, Brooks stayed with his field until 1987, when he became a quality improvement specialist. Today, he is responsible for work on the readiness program doing process modeling and keeping track of readiness assets inventory.

Testimonials given about Brooks did not focus on his diagnostic achievements but on the fact he is one of those people who is always there for the program and the people he works with.

Ten men with more than 400 years of service to their country was the primary theme repeated time and time again. Bechtel Nevada General Manager, **Fred Tarantino**, summed it up best stating, "While the work of the Nevada Test Site is important, it is the effort of these people that has been integral to our nation's continued security."

Ken Powers, Nevada Operations Office's deputy manager, thanked each honoree not only for their years of dedicated work, but for, "helping to keep America free."

Four other members also celebrate 40 years of service, but were unable to attend the recognition dinner. The other employees include:

Thomas Hayes began his career in October 1961 with the support of Project Gnome, the first Plowshare event. He was hired by REECo in Carlsbad, New Mexico as a temporary security clerk and was told that it might last one week, one month, or maybe one year.

During his tenure, he has held numerous positions including a senior radiation safety monitor and his recent position of supervisor in the management of available and in-use workspace for Bechtel Nevada facilities. Hayes received commendations from the U.S. Department of Interior for support of Apollo 14 and Apollo 17 training.

On May 2, 1962, **James Jimerson** began his Nevada Test Site career as a cook's helper. He became a fry cook in Mercury's cafeteria. James retired this past June with 40 years of dedicated service.

Hired by EG&G on March 26, 1962, **Larry McKiernan** began his career as a senior technician. He currently works at the Nevada Test Site as a supervisor for the Los Alamos Control and Monitor Room.

Charles Wright was hired by EG&G on November 6, 1961, as a technician. Currently, he is a senior engineer in Los Alamos, New Mexico.

Lessons Learned

Lessons Learned resources

by Dawn Starrett

Were you aware that there are a number of lessons learned resources currently available?

Lessons learned from various accidents are available on videotapes and/or compact disks (CDs). These audiovisual tools emphasize the importance of lessons learned from accidents and, in some cases, fatalities that have occurred across the U.S. Department of Energy complex. These tools are an additional resource for safety meeting topics.

There are several databases that contain useful information for inclusion in work planning and activities. The most commonly used databases are www.tis.eh.doe.gov/ll/lldb/llsearch.cfm and www.em.doe.gov/lessons/dbform.html. Other databases list successful stories from using lessons learned, including a lessons learned database from the Navy, www.navosh.net, which contains information that is applicable in many work environments.

A new push system within the National Nuclear Security Administration Lessons Learned Program is designed to help users control the volume and content of operating experience data received. The electronic mail (e-mail) push system provides data to users based on a specific profile of the user's data preferences. The server pushes to the user only the information that is specified. This enables the right information to get to the right people in a timely manner. Users can establish lesson learned preferences and subscribe at www.lessons-learned.net.

If you have any questions about these resources or want to borrow a lessons learned videotape or CD, contact **Dawn Starrett**, site lessons learned coordinator **(702-295-4297)**.

Partnering for Education

This new feature will highlight the programs and activities of the U.S. Department of Energy Nevada Operations Office and Bechtel Nevada's partnership with the Clark County School District's Focus School Program.

Mentoring in the 21st century

by Kurt Arnold

Electronic mail, e-mail, has changed the way that businesses and the world communicate. While e-mail offers many additional advantages than the telephone and the fax machine, it still does not allow a large number of users to see each other face-to-face. At a recent event some e-mail users had the opportunity to see who was sending them e-mail messages.

In January, students from Jim Bridger Junior High School began corresponding with their assigned e-mentor through e-mail messages. It was through these messages that e-mentors and their e-mentees got acquainted, but more importantly began to build a trusting relationship.

Extensive studies have shown that young people do best when they are supported by a network of caring adults. Unfortunately, many youth today lack the positive connections with adults who would motivate them to succeed. Students who fall into such a category, as well as those who fit a number of other profiles, are referred to as "at risk." That is the population the traditional mentoring program targeted, but the demand for mentors is much greater than the supply.

photo by Steve Carragher

***AnaMarie Crosby**, science teacher from Jim Bridger Junior High School, and **Michael Taylor**, e-mentoring coordinator for the Clark County School District's Partnership Office, look on as Renee Sylvers, student from Jim Bridger Junior High School, talks to her Bechtel Nevada e- mentor, **Heidi Utz**, via a video teleconference broadcast.*

photo by Steve Carragher

***Fran Montes**, Bechtel Nevada (right) laughs at a comment made by e-mentee, **Jamal Jackson**, during a face-to-face meeting. Bechtel Nevada employees were partnered with a class from Jim Bridger Junior High as part of the Clark County School District's Partnership Office "Stay in School Mentoring Program."*

In an effort to provide additional mentors, the Clark County School District's Partnership Office revamped their traditional Stay in School Mentoring Program to include e-mentoring. This addition provides the largest number of mentors to reach the largest number of students with a minimal commitment of time and resources. In other words, more volunteers are able to help mentor more students in smaller amounts of time.

Through the generous support of Bechtel Nevada employees, one class from Jim Bridger Junior High School was able to participate in the e-Mentoring Program. These selfless volunteers gave a small amount of their time each week to read and answer their e-mentees' messages. Since the program uses computers to communication, employees located in Livermore, California; Los Alamos, New Mexico; Santa Barbara, California; and near Washington, D.C. were able to participate as e-mentors to the students in Las Vegas, Nevada.

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Partnering for education

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At a face-to-face meeting, e-mentors and their e-mentees had an opportunity to meet each other in person and spend time getting to know each other. E-mentors in the outlying areas participated in the face-to-face meeting through the use of TeleVideo Conferencing equipment. The e- mentors participated in the short program and were able to converse with their Las Vegas e- mentees.

The volunteers included **Michele Antuney, Vickie Baker, Jann Bisterfeldt, Mark Bouscaren, Glenda Cates, Gerald Dries, Elizabeth Federmack, Theresa Hatch, Ronna Hoesch, Lynn Jaussi, Trey Johnston, John Kitt, Gabe Kline, Theresa Lenhart, Carolyn Lima, Kendrick Liu, Joseph Maridon, Terri Marotta, Dorri Modic, Fran Montes, Fred Muchow, Ethel Mueller, Alberta Patterson, Jane Ann Pete, Patrice Sanchez, Jon Schumacher, Alice Shillock, Nancy Tufano, Heidi Utz,** and **George Van Houten**.

Book drive to benefit Focus Schools

by Judith Lacuadra

A book drive sponsored by the National Nuclear Security Administration Nevada Operations Office (NNSA/NV) for their Focus school, Quannah McCall Elementary along with Bechtel Nevada and their Focus schools, Kit Carson Elementary and Jim Bridger Junior High School, begins on Monday, July 8.

The book drive benefits the libraries at the three schools. Good reading material is always on the school's wish list and here is a chance to help stock the library's shelves with books that the students will want to read. Place your donated books in marked bins placed at various locations. Bins are located at the following buildings on the complex:

- Nevada Support facility - in the lobby
- Mercury - in the Cafeteria
- Mercury - in the entrance of Building 117
- Area 6's Building 6-900 in the reception area
- A13 - in the break rooms and in Stockpile Stewardship area
- B3 - in the atrium
- C1 - at the east and west entrances

A list of suggested books is available online on the BN Home Page under Special Events on the Employee Communications web page. Hard copies of the list are located next to each of the bins. The list contains books that are needed to help augment the school's limited libraries. Hard bound books are preferred since they last longer and enable more students to read them. If you have some gently used hard bound books at home that your children may have outgrown, drop them off at one of the bins.

NNSA/NV and Bechtel Nevada will insert book plates onto the front cover of each donated book. The name of the donor along with their respective company will appear on the book plate. If you would like to have your name listed, simply attach a sheet of paper with your name to the book(s) you are donating.

Any book you can donate will help. Books not only educate, but help to fill a child's world with wonder, fascination, and imagination.

For additional information about the book drive or if you have questions, contact **Judith Lacuadra, BN (702-295-1688)**.

Bechtel Nevada honors Teacher's Appreciation Day

by Judith Lacuadra

Bechtel Nevada finished the school year by treating the teachers at Kit Carson Elementary School and Jim Bridger Junior High School to a fantastic lunch in honor of Teacher's Appreciation Week.

National Teacher Day is a time for honoring teachers and recognizing their incredible contributions to the lives of children. The actual day is always observed on Tuesday of the first full week of May, so the actual date varies from year to year. That whole week is designated as Teacher Appreciation Week by the National Parent Teacher Association.

The origins of National Teacher Day are vague, but it is known that an Arkansas teacher, Mrs. Mattye Whyte Woodrige, began corresponding with both political and education leaders in 1944 about the need for honoring teachers. One of the leaders she wrote to was Eleanor Roosevelt, who persuaded the 81st Congress to proclaim a National Teacher Day in 1953.

The National Education Association (NEA) and its affiliates continued to observe Teacher Day on the first Tuesday in March until 1985, when NEA and the National PTA established Teacher Appreciation Week as the first full week in May.

Bechtel Nevada provided lunch at to the teachers at both schools. **Brenda Carter, Judith Lacuadra, Linda Middaugh**, and **Cheryl Oar** attended the lunches, thanked the teachers for their hard work, and distributed insulated mugs with "Teachers Quench a

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Partnering for education

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Thirst for Knowledge" inscription on one side to all the teachers and staff members.

After their summer break, teachers will soon get ready for the start of another school year.

NNSA/NV donates computers to Classroom on Wheels

by Kirsten Kellogg

Through the U.S. Department of Energy's Equipment Gift and Loan Program, the National Nuclear Security Administration Nevada Operations Office (NNSA/NV) recently donated 21 computers, valued at more than $41,000, to Classroom on Wheels (COW).

COW is a nonprofit agency which provides preschool classes, parenting assistance, and even health screens for kids and families in at-risk neighborhoods using refurbished classroom buses. The mobile classrooms are carpeted and equipped with bathrooms, sinks, and anything else normally found in a stationary classroom. Currently, the COW fleet has six buses (a seventh bus will join the fleet in the fall) that are used by approximately 540 preschool children in Southern Nevada during the 2002-2003 school year.

"We are always looking for good computers that we can use in the program," said **Angela Pernatozzi**, COW executive director. "Even preschoolers need to be familiar with technology as they sort shapes and colors."

The Equipment Gift and Loan Program was implemented by the U.S. Department of Energy to enhance the mathematics and science skills of American children in the information-intensive 21st century. This program streamlines the transfer of excess and surplus Federal computer equipment to classrooms for the purpose of improving the math and science education curricula or for the conduct of technical and scientific education and research activities. The long-term goals of this cooperative effort are to increase the number of students pursuing careers in scientific or technical fields or careers in pre-college teaching in these areas, to improve teaching in these fields, and to improve the basic scientific and technical literacy of Americans.

End of school year at Quannah McCall

by Kirsten Kellogg

A big "THANK YOU" to all of the NNSA/NV employees that spent time at the school helping students develop their reading and math skills. The next school year is right around the corner and what better way to become a positive influence in the Las Vegas community.

If you are interested in volunteering at Quannah McCall Elementary School, contact **Connie Barrick 295-1280.**

photo by Elizabeth Donnelly

***Linda Schmith**, NNSA/NV, poses for one last photo with the Quannah McCall Elementary School class she worked with this past school year.*

Hiking and camping safety

by Bobbie Poole

Hiking and camping provides exercise and interest for people of any age. Just getting out and walking around is a wonderful way to see nature. Since unexpected things happen, the best way to help guarantee a good time is to plan ahead carefully and follow common sense safety precautions.

If you have any medical conditions, discuss your plans with your physician health care provider and get approval before departing.

Review the equipment, supplies, and skills that you will need. Consider what emergencies could arise and how you would deal with those situations. What if you got lost, or were unexpectedly confronted by an animal? What if someone became ill or injured? What kind of weather might you encounter? Add to your hiking checklist the supplies you would need to deal with these situations.

Make sure you have the skills you need for your camping or hiking adventure. You may need to know how to read a compass, erect a temporary shelter or give first aid. Practice your skills in advance.

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Hiking and camping safety

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If you expect a strenuous trip, get into good physical condition before setting out. If you plan to climb or travel to high altitudes, make plans for proper acclimatization to the altitude.

It is safe to hike or camp with at least one companion. If you plan to enter a remote area, your group should have a minimum of four people; this way, if one is hurt, another can stay with the victim while two go for help. If you plan to go into an area, one that is unfamiliar to you, take along someone who knows the area or at least speak with those who do before you set out.

Some areas require you to have reservations or certain permits. If an area is closed, do not go there. Find out in advance about any regulations – especially the rules about campfires or guidelines about wildlife.

Pack emergency signaling devices, and know ahead of time the location of the nearest telephone, campground host, or ranger station in case an emergency does occur on your trip.

Leave a copy of your itinerary with a responsible person. Include such details as the make, year, and license plate of your car, the equipment you are bringing, the weather you have anticipated and when you plan to return.

What you take on your hike depends on where you are going and the amount of time you plan to hike or camp. Backpacks should include the following items:

Candle and matches
Cell phone
Clothing (always bring something warm, extra socks and rain gear)
Compass
First aid kit
Food (take extra)
Flashlight
Foil (to use as a cup or signaling device)
Hat
Insect repellent
Map
Nylon filament
Pocket knife
Pocket mirror (to use as a signaling device)
Prescription glasses (an extra pair)
Prescription medications for ongoing medical conditions
Radio with batteries
Space blanket or a piece of plastic (to use for warmth or shelter)
Sunglasses
Sunscreen
Trash bags (makes an adequate poncho)
Water
Waterproof matches or matches in a waterproof tin
Water purification tablets
Whistle (to scare off animals or to use as a signaling device)

Always allow for bad weather and for the possibility of spending a night outdoors unexpectedly.

It's a good idea to assemble a separate "survival pack" for each hiker to have at all times. In a small waterproof container, place a pocket knife, compass, whistle, space blanket, nylon filament, water purification tablets, matches, and candles. With these items, the chances of being able to survive in the wild are greatly improved.

Composting: Adding browns and greens

by Dodie Haworth

Summer is here again and with the warm weather comes gardening and yard work. These activities can generate large volumes of plant waste such as grass clippings, pruned tree and shrub limbs, and dead plant material. Composting is a great way to recycle your yard and kitchen wastes and is a critical step in reducing the volume of garbage needlessly sent to landfills for disposal.

Composting is the decomposition of plant remains and other once-living materials to make an earthy, dark crumbly substance that is excellent for adding to house plants or enriching garden soil. Today, the use of composting to turn organic wastes into a

valuable resource is expanding rapidly in the United States and in other countries, as landfill space becomes scarce and expensive, and as people become more aware of the impacts they have on the environment. You can contribute to the "composting revolution" by composting your own yard and kitchen wastes at home.

The microbes that turn your yard and kitchen waste into compost are Aaerobes.@ Aerobic microbes need air to live and to make compost. Compost piles should allow plenty of air into them. This is usually accomplished by using some kind of bulky ingredients such as straw, old weeds (without seeds), etc. If a pile settles under its own weight and excludes air, then stir

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Composting: Adding browns and greens

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it or turn it over so that it can get more air into the pile. Turning is the process of dismantling a pile and rebuilding it to allow air into the pile. Some people turn their piles several times as the piles rot, to keep them as aerobic as possible.

The microbes need moisture to live (just like we would die without water). Ideally, the pile should contain as much water as a wrung-out sponge. At this ideal moisture level, the ingredients are full of water, but there is still air getting into the pile. The microscopic film of water on the surface of each particle in the pile is an ideal medium through which the microbes can spread as they do their work. A pile that is too wet will collapse under its own weight, excluding air, and it will smell. A pile that is too dry cannot support a healthy population of microbes, and so the rate of decomposition is drastically reduced. If a pile is too wet, turning it and/or adding drier ingredients can help balance the amount of water in the pile. Piles that are too dry need turning and water sprayed on the ingredients as they are turned and rebuilt into a new pile.

In broad terms, there are two major kinds of food that composting microbes need:

Browns are dry and dead plant materials such as straw, dry brown weeds, autumn leaves, and wood chips or sawdust. These materials are mostly made of chemicals that are just long chains of sugar molecules linked together. As such, these are a source of energy for the compost microbes. Because they are dry, water browns before they are put into a compost system,

Greens are fresh (and often green) plant materials such as green weeds from the garden, kitchen fruit and vegetable scraps, green leaves, coffee grounds and tea bags, fresh horse manure, etc. Compared to browns, greens have more nitrogen in them. Nitrogen is a critical element in amino acids and proteins, and is thought of as a protein source for the billions of multiplying microbes.

Here are three easy ways to compost.

“Hot Pile” or “Cold Pile”

Active decomposition happens at average outdoor summer temperatures. While higher pile temperatures speed the rate of decomposition, compost piles do not have to be hot to decompose properly. If you want to build a hot pile, you will need to start with at least a cubic yard or more of material. A good mix of browns and greens is the best nutritional balance for the microbes. A mixture of half greens and half browns, or two parts browns to one part of greens works pretty well. This mix also helps out with the aeration and amount of water in the pile. Browns, for instance, are usually bulky and promote good aeration. Greens, on the other hand, are typically high in moisture, and balance out the dry nature of the browns. In using this method, ensure that you always have at least as much ›browns‹ as added greens - if you add too many greens you will get a slimy, stinky, anaerobic mess.

There are many advantages of hot compost piles, but there are advantages of cold piles as well. Hot piles decompose more quickly, and may kill weed seeds and diseases but need large amounts of both brown and green material. Cold piles need smaller amounts of material to start with and are often more convenient for backyard gardeners who can use an “add ingredients as you get them” approach.

To build a cold pile, accumulate a large amount of browns such as autumn leaves and moisten them to the consistency of a wrung-out sponge. Pile them up and stir in a few greens at a time over the next year (using this method may take a full year to finish the compost). (In cold climates, it may all freeze during the winter so put a big piece of scrap card

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Composting: Adding browns and greens

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board or carpet on the pile to keep the snow off. Peel the carpet/cardboard back to stir in the peels, rinds, and coffee grounds.) In this type of composting, there are never enough high-nitrogen ingredients (greens) to get the pile really hot. You may wish to add red worms to the pile, turning it into a sort of worm bin (see #3 below). Turning the pile is optional, but it will get turned some when you bury your kitchen scraps, but often benefits from one or two other turnings and waterings. Autumn leaves are especially prone to matting down; if you use them as your source of browns, turn them once or twice to break up the clumps.

Bury It!

If you have the garden space, you can simply open a trench up in the soil and bury your kitchen scraps six to eight inches deep under the soil. It will take perhaps two to three months during the warm season for things to break down (dig a hole in the trench to check on the decomposition progress). Do not plant any crops in the soil until the kitchen scraps have decomposed.

Let Worms Eat Your Garbage

Last, but certainly not least, one can let worms do the work. Red worms are a type of earthworm specifically adapted to eating rotting vegetable material. Other species won=t work for this kind of composting. To raise red worms, you basically have to provide a batch of moistened browns (shredded newsprint works well) with a handful or two of soil mixed in, and bury you kitchen scraps in the moistened "worm bedding." Make sure you have considerably more browns than greens and the worms do the rest.

Most people find it convenient to build, buy or scavenge a container for their worm bin. Five- gallon buckets with holes drilled for drainage are small but work well. Large Rubbermaid tubs are also good (drill holes). Use scrap wood for cheap wooden bins. Whatever the size of your bin, it should handle one pound of kitchen scraps every week for each square foot of surface area on the top of the bin.

Buckle up . . . for life!

by John Davey

On April 15, 2002, the Nevada Test Site and most of Southern Nevada experienced severe gusts of wind which caused a tremendous amount of damage to many buildings in the area. In addition to the structural damage, several vehicle accidents occurred due to blowing dust that created zero visibility. The following incident serves as an important reminder to always wear your seat belt.

Shortly after noon on April 15, a Bechtel Nevada employee was traveling south on Interstate 95 in an effort to evacuate the Nevada Test Site. Due to the poor visibility, the employee attempted to pull onto the interstate's emergency lane to wait out the dust storm. As the employee proceeded to decrease speed and merge off the road, he did not notice the vehicle coming up in front of him.

A civilian vehicle, traveling at a slow speed was trying to make its way out of the dust storm. The driver did not see the other vehicle as it also attempted to pull off onto the side of the interstate. In an instant the Bechtel Nevada employee's vehicle struck the vehicle in front of him. The employee's air bag did not deploy, which could have created a devastating effect had his seat belt not been fastened. Because the employee was wearing his seat belt, he walked away from this incident shaken up but uninjured.

Seat belts do save lives! It is important to buckle up every time you get into a vehicle.

The damage to this vehicle was due to blowing dust and the inability to see a slow moving vehicle several feet ahead. The Nevada Test Site employee who was the driver of this vehicle was able to walk away uninjured because he was wearing his seat belt. Buckle up! Seat belts do save lives!

Did you know?

Car crashes are the number one cause of death for people between the ages of six and 27.

Every 13 minutes someone is killed in a vehicle accident.

Seat belts reduce deaths by up to 75 percent and reduce serious injuries by up to 66 percent.

More than 25,000 lives have been saved by seat belts in the last 10 years.

MILESTONES

Bechtel Nevada

40 years	*Las Vegas* - **Albert Moeller**
35 years	*Nevada Test Site* - **Gary Boyd**
30 years	*Las Vegas* - **Linnie Forsstrom**
25 years	*Nevada Test Site* - **Ruben Cuaron, Max Woodrum**
20 years	*Las Vegas* - **Nina Force, Gay Walker**; *Nevada Test Site* - **Danny Brickey, Val Chamberlain, Franklin Eck**
15 years	*Las Vegas* - **Catherine Carey, Joseph Volk**; *Nevada Test Site* - **Gary Genest**
10 years	*Las Vegas* - **Edward Woodward**; *Nevada Test Site* - **Donald Foster, Elgia La Grow, Vernon Nicholas III**
5 years	*Las Vegas* - **Richard Hofner**; *Nevada Test Site* - **Ronald Jayne**
New Hires	*Las Vegas* - **Edwin Brickner, Heidi Brock, Robert Brock, Ai-Lei Chien, Nita Grice, Robert Hazy, Michael Heiner, Kyle Holmes, Brian Jones, Deborah Lusby, Gary Maples, April McHenry, Mark Morris, Alfred Nevarez, Lee Stahl, Beau Tippetts, Cortny Warburton**; *Nevada Test Site* - **William Blair, Robert Cincelli, Maryn Cleghorn, Emily Deaver, Thomas DePrizio, Kirsi Dragosljvich, Michael Dragosljvich III, Bryon Evans, Thomas Leonard, Coby Long, Michael Madrid, Evan Mulkey, William Nicosia, Marianne Robbins, Daniel Soper, Melissa Stoddard, Andrew Threatt**; *Special Technologies Laboratory* - **Richard Facundus**; *Los Alamos Operations* - **Brian Baker, Howard Bender III, Deshawn Black, Keegan Shelton, Aric Tibbitts**

National Nuclear Security Administration Nevada Operation Office

30 years	**Linda Hiltbrand**
25 years	**Michael Marelli, Nicholette Plese, Allen Roberts**
20 years	**Elizabeth Donnelly, Victoria Niemann**
15 years	**Robert Friedrichs, Sharon Hejazi, Ruth West**
10 years	**Toby Bickmore, Wendy Clayton, Timothy Cooper, Peter Munding**
5 years	**Linda Dorsey**

Desert Research Institute

15 years	**James Taranik**
5 years	**James Coleman, Dawn Coots, Eric McDonald**

Shaw Environmental

5 years	**Donna Raha, Tedd Vernaz**

SCI

20 years	**Stephen Gault**
15 years	**Earlena Giddings-Hill**

Wackenhut Services Inc.

20 years	*Nevada Test Site* - **Willie Harris**
15 years	Las Vegas - **Katherine Reynolds**
10 years	*Las Vegas* - **Je Anne Branca**; *Nevada Test Site* - **Sherry Wulff**

— Compiled by Tamiko Brown

CALENDAR OF EVENTS

July 23 (11:30 a.m. to 12:30 p.m.)
Energizers Toastmasters club meeting. Amargosa Conference Room (C112), Nevada Support Facility. Contact **Kirsten Kellogg, NNSA/NV (702-295-1821).**

July 24 (11:30 a.m., repeated at 12:15 p.m.)
NNSA/NV's Brown Bag Film Series: " Buster - Jangle [Part I]." Great Basin Room (A-106), Nevada Support Facility. Contact **Jeff Gordon, BN (702-295-1628)** or **Michael Brown, RAI (702-295-0552)**.

July 25
NTS Public Tour, open to interested members of the public. CP-1, Sedan Crater, Frenchman Flat, HAZMAT Spill Center, Bilby Crater, Area 5 Low-level Radioactive Waste Management Site, Apple II houses. Contact **Brenda Carter, BN (702-295-0944)**.

August 13 (11:30 a.m. to 12:30 p.m.)
Energizers Toastmasters club meeting. Amargosa Conference Room (C112), Nevada Support Facility. Contact **Kirsten Kellogg, NNSA/NV (702-295-1821).**

August 14 (11:30 a.m., repeated at 12:15 p.m.)
NNSA/NV's Brown Bag Film Series: "Buster-Jangle [Part II]." Great Basin Room (A-106), Nevada Support Facility. Contact **Jeff Gordon, BN (702-295-1628)** or **Michael Brown, RAI (702-295-0552)**.

August 21
NTS Public Tour, open to interested members of the public. CP-1, Sedan Crater, Frenchman Flat, HAZMAT Spill Center, Bilby Crater, Area 5 Low-level Radioactive Waste Management Site, Apple II houses. Contact **Brenda Carter, BN (702-295-0944)**.

August 27 (11:30 a.m. to 12:30 p.m.)
Energizers Toastmasters club meeting. Amargosa Conference Room (C112), Nevada Support Facility. Contact **Kirsten Kellogg, NNSA/NV (702-295-1821).**

September 10 (11:30 a.m. to 12:30 p.m.)
Energizers Toastmasters club meeting. Amargosa Conference Room (C112), Nevada Support Facility. Contact **Kirsten Kellogg, NNSA/NV (702-295-1821).**

September 24
NTS Public Tour, open to interested members of the public. CP-1, Sedan Crater, Frenchman Flat, HAZMAT Spill Center, Bilby Crater, Area 5 Low-level Radioactive Waste Management Site, Apple II houses. Contact **Brenda Carter, BN (702-295-0944)**.

September 24 (11:30 a.m. to 12:30 p.m.)
Energizers Toastmasters club meeting. Amargosa Conference Room (C112), Nevada Support Facility. Contact **Kirsten Kellogg, NNSA/NV (702-295-1821).**

October 14
NNSA/NV offices closed in observance of Columbus Day.

October 24
NTS Public Tour, open to interested members of the public. CP-1, Sedan Crater, Frenchman Flat, HAZMAT Spill Center, Bilby Crater, Area 5 Low-level Radioactive Waste Management Site, Apple II houses. Contact **Brenda Carter, BN (702-295-0944)**.

November 19
NTS Public Tour, open to interested members of the public. CP-1, Sedan Crater, Frenchman Flat, HAZMAT Spill Center, Bilby Crater, Area 5 Low-level Radioactive Waste Management Site, Apple II houses. Contact **Brenda Carter, BN (702-295-0944)**.

Declassified Film Showings
For information on declassified film showings at NTS CP-1, contact **Denise Langendorf (702- 295-4015)**. For information on declassified film showings at NTS Yucca Mountain, contact **Rod Rodriguez (702-295-5825)**.

Upcoming conferences and trade shows

July 22-24
2002 NCMA World Congress. Hyatt Regency Long Beach, Long Beach, California. For additional information, visit www.ncmahq.org/calendar/WC02/index.html.

August 15-16
2002 Annual Regional Training Conference and Diversity Expo. MGM Convention Center, Las Vegas, Nevada. For additional information, contact **John Medina, BN (702-295-2232)** or **Fran Montes, BN (702-295-2802)**.

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CALENDAR OF EVENTS

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October 12-16
IAEM 2002 Annual Conference and Exhibit. Greater Columbus Convention Center, Columbus, Ohio. For additional information, visit www.iaem.com.

November 3-7
Civil Engineering Conference and Exposition. Washington Convention Center, Washington, D.C. For additional information, visit www.asce.org/conferences/annual02/conference_facts.html.

August is:

Children's Vision and Learning Month

SITELINES

Published monthly for all members of the NNSA/NV family.
Kathleen A. Carlson, Manager, NNSA, Nevada Operations Office.
Darwin J. Morgan, Director, Office of Public Affairs and Information.
Submit articles or ideas to the editor at 702-295-5792 or M/S NLV 106.

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