

# Accomplishments for 2003

The year 2003 was a busy and productive year for the members of the National Nuclear Security Administration Nevada Site Office (NNSA/NSO) complex. Major accomplishments and milestones were achieved in the year. In support of its mission, NNSA/NSO, the national laboratories, contractors, and subcontractors share their major accomplishments for 2003.

## NNSA/NSO

The year 2003 for the Nevada Site Office was not only a year of change, but a year of continuing to stay the course. The change came in the form of transitioning from an operations office to a site office. The “staying of the course” was the accomplishment of mission requirements throughout the year.

The stockpile stewardship program met all of its requirements at the Joint Actinide Shock Physics Experimental Research (JASPER) facility, Device Assembly Facility (DAF), and U1a. While there was a momentary stoppage of work at the Atlas facility, federal, contractor, and laboratory staff got the project moving again with a minimal effect on schedule.

The environmental management program met its goals for the year in a number of areas. The cleanup activities at industrial sites continued to stay ahead of schedule. Receipts of low-level waste were at the highest levels ever. While no transuranic waste shipments were made, the organization met its goal to be ready to ship material to the Waste Isolation Pilot Plant near Carlsbad, New Mexico. Additionally, the environmental management

program met its mission goals while transitioning to a new contractor. Stoller-Navarro smoothly transitioned in to support the requirements of environmental management.

Less tangible, but clearly a success for the federal organization was meeting the requirements of the National Nuclear Security Administration (NNSA) wide re-engineering effort. Nevada Operations Office worked through the shudders of being a self-supporting, full-service organization to a site office dependent on getting business services from a centralized service center in Albuquerque, New Mexico.



Harder still was seeing more than 20 employees from the Site Office leave federal service and working with more than 80 employees, who are part of the Service Center, as they had to make the difficult choice of whether to stay in federal service and move to Albuquerque or leave federal government work.

The past year was a success. With that success came the need to assure the continued success of the Nevada Site Office in 2004.

## Bechtel Nevada

- Watched out for our coworkers. Achieved the lowest recordable rate in the history of the Nevada Test Site (NTS).

cont. on page 2

## Contents

2003 Accomplishments	1	amount for UW	7	joy for families	12
DOE Yucca Mountain Office Announces Silicosis Screening Program	5	SNAP steps out	7	The Great Smoke Out	13
Powers Receives Presidential Award Update	6	Spreading Holiday Cheer	8	An ergonomics checklist	15
DOE Awards	6	Six Sigma	9	Recycle cartridges	16
BN employees raise record		Tarantino presents Performance Awards	9	Milestones	17
		WSI-NV secures holiday		Calendar	18



## Accomplishments for 2003

### cont. from page 1

- Modernized Business Management System - Upgraded and replaced existing financial system with a more efficient and effective integrated financial information processing system.
- Supported stockpile stewardship programs and operations - Achieved a 100 percent rate of data retrieval for subcritical experiment *Piano*.
- Provided technical support to Joint Actinide Shock Physics Experimental Research (JASPER), which enabled Lawrence Livermore National Laboratory to achieve successful firings of the gas gun.
- Moved Atlas, the high performance pulsed power machine from Los Alamos, New Mexico to NTS and began re-assembly.
- Achieved readiness to safely conduct category 2/3 nuclear facility operations - Implemented two documented safety analyses at U.S. Department of Energy's Radioactive Waste Management Site at the Nevada Test Site (NTS).
- Prepared Nation's military and first responders for the war against terrorism - Trained 5,300 emergency responders by integrating training, exercises, testing, evaluation, and technology for combating terrorism.
- As part of the National Center for Combating Terrorism, completed conversion of NTS Building 113 to a state-of-the-art Exercise Management Center where first responder classroom instruction and exercises are conducted.
- Conducted 482 man days of deployed emergency response field operations in support of Homeland Security.
- Successfully participated in National Anti-Terrorism Topoff II Exercise in Seattle, a simulated nuclear attack on Seattle, May 2003. Bechtel Nevada deployed the Consequence Management Response Team and B200 aircraft to participate in the emergency response exercise.
- Expanded internationally and fought proliferation, Established a recovery and disposition program of disused orphan radioactive sources in Russia.

- Managed indirect costs - kept competitive in the high-end, high-hazard markets.
- Recognized outstanding contributions of Bechtel Nevada scientists and engineers by establishing and awarding the first ever Bechtel Nevada Science and Engineering Award
- Recognized for meeting and exceeding our small business contract commitment. In 2003, received U.S. Department of Energy's Small Business Diversity Achievement Award for fiscal year 2002.
- Successfully raised \$380,794 for United Way. Local United Way organizations receiving pledges included: North New Mexico/Los Alamos United Way, Santa Barbara County's United Way, United Way of the Bay Area, United Way of Pioneer Territory, and United Way of Southern Nevada. Employees donated more than \$52,000 for the Bechtel Nevada Crisis Fund, which assists employees in emergency situations.

### Lawrence Livermore National Laboratory (LLNL)

- In 2003, LLNL successfully closed some long-standing legacy issues, such as the decommissioning of the Buried Object Detection Facility (BODF) minefield and the removal of the Cesium 137 source from building 600 in Mercury.
- At the Joint Actinide Shock Physics Experimental Research (JASPER), start-up was completed after successfully passing the readiness assessment. This accomplishment was accompanied by the successful completion of three plutonium shots with excellent data quality and recovery.
- Completed and received approval by NNSA on the rule compliant (10 CFR 830) Device Assembly Facility (DAF) Documented Safety Analysis. This was multi-discipline team effort that provided and approved a hazard analysis and necessary controls to support Category II Nuclear Operations at the DAF.
- The design, construction, and acceptance of the DAF glove box were completed. This included key start-up tasks, such as the development of procedures to support the glove box start-up, which is project to occur in fiscal year 2004.

cont. on page 3

## Accomplishments for 2003

- Successfully completed 34 high-explosive shots in support of Defense Program activities at the Big Explosives Experiment Facility (BEEF).
- Completed the assembly and detonation of the *Piano* subcritical experiment in support of the National Security Stockpile Stewardship mission. *Piano* was the most complex experiment LLNL has fielded, as well as the first short needing compliance with 10 CFR 830 requirements.

### Los Alamos National Laboratory

- *Mario/Rocco* Subcritical Experimental (SCE) Team, which consisted of Los Alamos National Laboratory (LANL), National Nuclear Security Administration (NNSA), Bechtel Nevada, and Sandia National Laboratory (SNL) personnel, were awarded the Defense Program Awards of Excellence, submitted by NNSA and LANL.
- *Vito/ETNA* SCE Team, consisting of LANL, NNSA, Bechtel Nevada and SNL personnel were awarded the Defense Program Awards of Excellence, which was submitted by NNSA and LANL.
- Two Six Sigma studies for *Unicorn* Subcritical Experiment were completed and both supplied cost avoidance in six figures. *Unicorn* is a SCE located at U6c.
- **Christine A. Nelson**, LANL, has been appointed as the acting test director for the Atlas facility and **Donald M. Bourcier**, LANL has been appointed as the acting Atlas facility manager.

### Stoller-Navarro

- Completed installation of five wells in Yucca Flat for the Underground Test Area Project.
- Completed well development of five wells and aquifer testing in Frenchman Flat.
- Completed characterization and corrective actions resulted in the closure of six defense project (DP) industrial sites; developed a plan to characterize and implement corrective actions at 14 DP industrial sites; and developed plans to characterize four other DP industrial sites.
- Completed work and submitted documentation for the closure of the Rio Blanco surface in

Colorado; the Salmon Site in Mississippi; and the Gnome Coach surface in New Mexico.

- Supported the U.S. Department of Energy Headquarters (DOE/HQ) review of the DOE/Nevada Site Office (NSO) environmental management (EM) life cycle baselines.
- Developed plans to characterize 23 EM industrial sites and completed field characterization efforts and state documentation on 32 EM sites.
- Completed the Draft Closure Report for the surface of Amchitka Island, Alaska, for DOE/HQ concurrence. Conducted extensive Amchitka Island public involvement efforts with Alaska stakeholders.
- Developed and implemented the DOE/NSO EM Information System, an EM integrated project management tool.
- Designed and produced an innovative DOE/NSO EM children's exhibit, Operation: Clean Desert.

### Wackenhut Services, Inc. - Nevada

- Wackenhut Services, Inc. - Nevada's (WSI-NV) protective force and support operations responded to changing security conditions (SECONs) in manner that minimized impact upon our clients. Provided the right level of security to counter the existing threat, thereby demonstrating that customer service and protection are not mutually exclusive.
- WSI employees drove more than 2.2 million miles during 2003 without a preventable vehicle accident. The company continues to maintain an outstanding integrated safety management program.
- WSI continues to subscribe to the standards of the Voluntary Protection Programs and employees were recognized by the U.S. Department of Energy (DOE) for the third consecutive year with the Voluntary Protection Program Superior Star Award.
- DOE Headquarters recognized the WSI Computer Security (COMSEC) program, including managed management and operations assets, with an "outstanding" rating during an audit of the operation.

## Accomplishments for 2003

cont. from page 3

- Almost simultaneously, five WSI functional areas, plans and operations; training; Operation Security (OPSEC); quality assurance; security access control; and protective force operations, were recognized with Defense Awards Program of Excellence awards.
- The generosity of employees was among the most significant of all WSI activity during the year. Under the guidance of an employee-run community outreach program, WSI-NV employees “stepped up to the plate” repeatedly to make the community better. Efforts were acknowledged in expressions of gratitude from Quannah McCall Elementary School, Catholic Charities of Southern Nevada, Big Brothers Big Sisters of Nevada, SafeNest, St. Jude’s Ranch for Children, Opportunity Village, Salvation Army, and many other local organizations that represent families in need in our community.
- WSI welcomed a class of new security police officers from the closure site at Rocky Flats to the Nevada Operations team. By managing employee hiring, WSI ensured that sufficient positions were available so that each security police officer at Rocky Flats, who qualified for employment in Nevada, was hired. As other professional positions became available, they were also filled with former Rocky Flats employees.
- Coordination with NNSA/NSO and DOE Rocky Flats enabled WSI-NV to acquire equipment for Nevada at a considerable cost savings.
- WSI-NV made a significant upgrade to the protective force security posture at the Nevada Test Site (NTS) by introducing High Mobility Multipurpose Wheeled Vehicles (HMMWVs).
- In early 2003, WSI-NV assumed responsibility for the management of the National Nuclear Security Administration Nevada Site Office (NNSA/NSO) OPSEC Program. The transfer of responsibilities was transparent to employees and customers. WSI-NV’s management of the NNSA/NSO OPSEC Program is now recognized and accepted by NNSA/NSO and its contractors.
- The OPSEC Program Office has conducted more than eight OPSEC assessments during 2003. Three of these assessments are considered major efforts. Two of these three were at the request of off-site agencies. As a result of these assessments, many of the recommendations were adopted and have resulted in improved security procedures at virtually no cost. The NNSA/NSO OPSEC Program continues to be recognized as the “de facto” OPSEC Center of Excellence.
- Additionally, the OPSEC Program Office created OPSEC awareness items that were requested by many government agencies, as well as commercial companies. An example of such a request came from an Army Medical Company in Afghanistan.
- For the second consecutive year, WSI-NV hosted the Federal Bureau of Investigation (FBI) Basic Special Weapons and Tactics (SWAT) course at the Nevada Test Site’s Protective Force Training Academy. Thirty-two FBI special agents from across the United States and four WSI firearms instructors attended the course. WSI-NV coordinated the use of facilities, supported the course with equipment and range officers. All students and instructors gained a better appreciation for the capabilities of our two agencies. The FBI was particularly impressed with the first-rate skills demonstrated by WSI-NV personnel.
- WSI-NV faced a major challenge to design, develop, and coordinate a first-time exercise to assess the coordination between NNSA/NSO, the FBI, and WSI command and control entities. There were several major objectives: exercise the handoff from WSI to the FBI at the Incident Command Post, integrate the FBI into the Tactical Operation Center, the information exchange between WSI crisis negotiators and FBI crisis negotiators, and coordinating WSI protective force with the FBI Evidence Response Team recovery operations.
- This was the first exercise that integrated the NTS Fire and Rescue Department through the use of their Mobile Command Center. Lessons learned were developed and published, and WSI operations identified and implemented several improvements to internal procedures.
- In addition to its primary focus, the exercise advanced a positive relationship between WSI, the Device Assembly Facility (DAF) management, the FBI, and Bechtel Nevada’s emergency services.

# News Briefs

## DOE Yucca Mountain Office Announces Silicosis Screening Program

The U.S. Department of Energy's (DOE) Office of Civilian Radioactive Waste Management (OCRWM) announced on Thursday, January 15, 2004, the initiation of a voluntary Silicosis Screening Program for current and former workers at the Yucca Mountain Project in Nevada.

Specifically, the program is being offered, free of charge, to project employees who were involved in tunneling and underground operations, as well as the set-up of experiments in the Exploratory Studies Facility, from 1992 to present.

Regulatory limits for airborne silica were exceeded at various times during the tunnel mining operations at Yucca Mountain from 1992 to 2000. During early work at the site, respiratory protection was available but requirements of its use were not consistently applied. Some workers may have been exposed to airborne silica.

In 1998, DOE established a Silica Protection Program to provide medical evaluations for current workers who spend more than 20 days underground per year. Evaluation includes a chest X-ray, as well as the standard medical exam, spirometer analysis, and other tests. Since 2000, there were two separate incidences in which workers were exposed to elevated silica concentrations during a single work shift.

However, current studies indicate that health effects from silica are due to long-term, repeated exposures.

"We believe offering this screening to our current and former workers is the right thing to do and that measures now in place at Yucca Mountain are protecting current workers," said Dr. **Margaret S.Y. Chu**, director of OCRWM. OCRWM management established this Silicosis Screening Program as a response to employee concerns regarding their work environment.

There are a small number of Bechtel Nevada employees who provided mining support to Yucca Mountain and the Nevada Test Site. These employees currently participate in a Silica Medical Surveillance Program, which is overseen by Bechtel Nevada's occupational medicine. This program, which has been in place for approximately 20 years, monitors identified current employees in specific job classifications for silicosis.

Employees with questions about silicosis can contact Bechtel Nevada's **Occupational Medicine Silica Information Line at 1-888-769-4251**. An operator is available to answer questions. Employees, who think their particular work situation requires further review, are encouraged to contact or stop by occupational medicine and

fill out a Silica Medical Screening Questionnaire. Once completed, a medical professional will review it to determine whether or not additional diagnostic testing is required.

If you know a former Bechtel Nevada employee who worked underground mining or tunnel activities, please have them contact the **Former Worker's Program at 1-888-636-8161**.

If you know a former employee who worked at Yucca Mountain from 1992 to the present, please have them contact the University of Cincinnati at **1-866-716-1542**. Under an existing DOE contact, a consortium led by the University of Cincinnati is assisting with the Silicosis Screening Program.

Silica is one of the minerals that naturally exist in the desert soils and in the rocks at Yucca Mountain. Silica can become airborne during dust-producing activities such as tunnel boring activities. If inhaled, silica can collect in the respiratory system and, with long-term exposure, can cause a chronic, progressive lung disease called silicosis. The most visible symptoms of this disease are coughing and shortness of breath.

### In the Next Issue of SiteLines ...

- TRU waste heads to WIPP
- Beryllium update
- What you should know about alcohol use

## Beyond the call

### Powers receives Presidential award

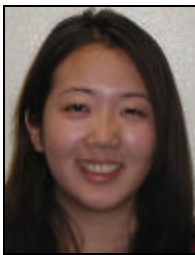
Each year, the President, on the advice of his cabinet officers, recognizes a small group of career senior executives with the President's Rank Award for exceptional long-term accomplishments.

**Kenneth W. Powers**, former deputy manager of the National Nuclear Security Administration (NNSA) Nevada Site Office and deputy director of the NNSA Service Center, is one of six senior executives selected as Meritorious Executives. Powers is the current associate deputy director for repository development for the U.S. Department of Energy's Office of Civilian Radioactive Waste Management.

Award winners are chosen through a rigorous selection process. After nomination, they are evaluated by boards of private citizens and approved by the President. The evaluation criteria focus on leadership and results.

Winners of this prestigious award are strong leaders who achieve results and consistently demonstrate strength, integrity, industry, and a relentless commitment to excellence in public service.

### Face-to-Face



Name: Kristy Amasaki

Company: Bechtel Nevada

Title: Project Controls Engineer

Hometown: Aiea, Hawaii

Hobbies/  
Interests: Traveling, baking, sewing, yoga, and photography

### DOE awards Henderson and Bechtel Nevada

by La Tomya Glass

**Tammie Henderson**, NNSA Service Center, was recently honored by the U.S. Department of Energy as Program Manager of fiscal year 2002. Henderson was recognized for outstanding achievement as an event planner for the annual departmental outreach conference.

**Fred Tarantino**, Bechtel Nevada president and general manager, and **Renee McDowell**, procurement supervisor, accepted the U.S. Department of Energy's Small Business Diversity Achievement Award. Bechtel Nevada was recognized for the highest percentage of diversity in subcontracting to socioeconomic classes of small business concerns such as 8(a), HUBZone, women-owned, other disadvantaged and service-disabled veterans in fiscal year 2002.

The awards were presented during the Small Business Program Manager meeting in Washington, D.C.

### Key to Acronyms

The following acronyms appear frequently in *SiteLines*:

<b>BEEF</b>	Big Explosives Experiment Facility
<b>BN</b>	Bechtel Nevada
<b>DAF</b>	Device Assembly Facility
<b>EM</b>	Emergency Management
<b>EM</b>	Environmental Management
<b>ES&amp;H</b>	Environment, Safety, and Health
<b>JASPER</b>	Joint Actinide Shock Physics Experimental Research (gas gun)
<b>LANL</b>	Los Alamos National Laboratory
<b>LLNL</b>	Lawrence Livermore National Laboratory
<b>NNSA</b>	National Nuclear Security Administration
<b>NSO</b>	Nevada Site Office
<b>NTS</b>	Nevada Test Site
<b>PIP</b>	Process Improvement Project
<b>RSL-A</b>	Remote Sensing Laboratory - Andrews
<b>RSL-N</b>	Remote Sensing Laboratory - Nellis
<b>SC</b>	Service Center
<b>SCE</b>	Subcritical Experiment
<b>SNL</b>	Sandia National Laboratories
<b>STL</b>	Special Technologies Laboratory
<b>WSI-NV</b>	Wackenhut Services Incorporated - Nevada



## Bechtel Nevada employees pledge record amount for United Way

Bechtel Nevada employees pledged more than \$380,000 during the 2003-2004 United Way campaign. This marks the largest contribution raised by Bechtel Nevada employees to United Way.

“This year was our most successful campaign,” said **Sally Davis**, Bechtel Nevada’s campaign chair. “Employees pledged the largest amount for United Way and the Bechtel Nevada Crisis Fund during the eight years that Bechtel Nevada has been a part of our communities. We have 132 leadership givers (employees who donate more than \$1,000 per year), which is the largest number that we have ever had.”

### Las Vegas

Employees in southern Nevada pledged \$369,944 and more than \$52,000 for the Bechtel Nevada Crisis Fund. The Crisis Fund was established to aid employees facing emergency situations. The amount raised during the recent United Way campaign is the largest amount raised by employees.



### Livermore Operations

Employees at Livermore Operations in Livermore, California pledged \$1,976 for their local United Way.

### Los Alamos Operations

The Northern New Mexico/Los Alamos United Way will receive \$5,434 from employees in Los Alamos.

### Special Technologies Laboratory

The employees at the Special Technologies Laboratory in Santa Barbara, California pledged \$3,440 for Santa Barbara County’s United Way.

“I want to thank **Fran Montes** for assuming the role of campaign chair while I assumed other responsibilities,” added Davis. “I especially want to thank all the key workers for their hard work in achieving this success and the employees for their generosity and willingness to help their neighbors in need.”

## SNAP steps out

by *Rosemary Rehfeldt*

“You get what you give” is not just a cliché when it comes to the Stoller-Navarro team. To the team, the saying means more than just a sentiment, it means action that creates reaction, acknowledging a cause and bringing about an effect, by giving a gift of time and resources that not only enhance the lives of recipients, but feels good to those who participate in the “gift of giving.”

This assessment is certainly underscored with the formation of the Stoller Navarro Association for People (SNAP). At the “welcome aboard” all-hands meeting with new contractor representatives in October, one of the first questions posed by employees was, “Can we form an employee’s association?” Once the question was answered with a resounding “yes,” momentum built quickly. **Jeanne Wightman** was elected as chair and **Renee Jaszczak** as vice-chair.

Long-known for their generosity to the community, staff members held meetings on a regular basis on get the “ball rolling.” A contest was announced to determine a group name, followed by brainstorming to develop initial priorities and activities. SNAP kicked off its efforts by coordinating a Thanksgiving feast, which also raised money earmarked for charitable community causes.

Members then organized the first Stoller-Navarro holiday party. The real fun began when the first annual toy drive to benefit Candlelighters of Southern Nevada, an organization that provides support to children with cancer. Within two weeks, Stoller-Navarro team members donated more than \$1,500 in cash, gift certificates, and toys. On December 19, SNAP members felt like Santa Claus as they delivered to Candlelighters the toys that will be used during the year to lift the spirits of children who live in Southern Nevada.

**Landa York**, the Candlelighters representative, expressed her appreciation to the Stoller-Navarro team, “This is the true spirit of Christmas . . . giving the gift of hope to children who are struggling with some pretty tough odds. Please extend our heartfelt appreciation to everybody who has made this possible.”

Successful achievement of its goals is what SNAP is all about and the newly formed employee’s association is indeed successful because of the contribution, dedication, and hard work of the people supporting it.

SNAP is putting together its plans for 2004 community events, so “SNAP to it,” by keeping an eye out for follow-up articles.

## Spreading holiday cheer

by Jennifer Morgan and La Tomya Glass

Bechtel Nevada employees were busy again making sure families and children had a joyous holiday season. Employees supported the following programs through their generosity and selfless efforts:

### Adopt-A-Family

Working with Lutheran Social Services, Bechtel Nevada employees adopted 11 families, ranging in size from three to eight members. Various departments volunteered to purchase clothing, gift certificates, toys for family members, and items to benefit the entire family. This year the following departments participated: Administrative Resources Department; Chief Financial Office; Contracts; Diagnostics and Experimentation Operations; Environmental, Safety and Health; Environmental Technical Services; Executive Office; Low-Level Waste Operations; Six Sigma; Stockpile Stewardship; and Weapons of Mass Destruction. Capital Moving donated a truck to take the gifts to Lutheran Social Services. The families then made arrangements to pick up the gifts before the holidays.

### Angel Tree Program

Employees adopted almost 100 angels this year through the Salvation Army's Family Services program. These angels are children that might not receive gifts for the holidays due to family situations. Employees provided either a toy and/or clothing items (most times both and more than one of each).

More than \$5,700 was spent on the angels this year.

### Opportunity Village's Magical Forest

Employees and their families shared in the "giving" of the holiday season by decorating a tree and volunteering at Opportunity Village's Magical Forest. The season began with decorating Bechtel Nevada's-sponsored tree with snowflakes and holiday ornaments. The ornaments were provided by students from Bechtel Nevada's Focus School partners, Jim Bridger Junior High School and Kit Carson Elementary School. Volunteers that helped trim the tree included **Cathy Bautista** and her grandchildren Christian and Marissa; **Darlene Holseth** and daughter Alisha; **Carrie Booker-Johnson**; **Jennifer Morton**; **Marlene "Joy" Peck**; **Ann Sexton** and family; and **Kaye Slack**.

Each year Bechtel Nevada employees show their support by volunteering one night at the Magical Forest. On December 20, employees poured hot chocolate, served as cross guards, and aided in other preparations needed to help support the Magical Forest. Volunteers included **Ginny Bautista**, **Joy Burk**, **Colleen Corlett**, **Chole Day**, **Daniel Diaz**, **Dennis Dugan**, **Carmen Fannin**, **Bill Fritz**, **Evelyn Grayson**, **Danette Hatfield**, **Bret Haynes**, **Cindi Heller**, **Mei Chih Ishii**, **Carolyn Lima**, **Lisa Livingston** and family, **Andrew Lysandrou**, **Lori McClone**, **Marijo Myers**, **Robin O'Rourke**, **Mary Ridenour**, **Robert Paltoni**, **Ray Patterson**, **Marlene "Joy" Peck**, **Robert Prestis**, **Kaye Slack**, **Anne Sexton**, **Laureen Shay**, **Vee Speziale**, **Ramirez Ulises**, **Pat Uning**, **Elaine Upson**, **Wendy Zaremshi**, **Sue Ziehm** and daughter Sarah, and **James Zovi**.

## Face-to-Face



Name: Harold "Nick" Duhe

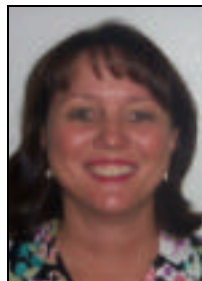
Company: Stoller-Navarro Joint Venture

Title: Communications Specialist

Hometown: Marrero, Louisiana

Hobbies/  
Interests: Golf, gardening, and coaching my son's soccer team

## Face-to-Face



Name: Mary Murphy

Company: Wackenhut Services, Inc. - Nevada

Title: Human Resources Supervisor/Labor Relations Specialist

Hometown: Waianae, Hawaii (island of Oahu)

Hobbies/  
Interests: Volleyball, bowling, reading, and a Denver Broncos fan



*This feature highlights various components of the Six Sigma process at the National Nuclear Security Administration Nevada Site Office complex. A monthly article will detail the Six Sigma process, individual Process Improvement Projects (PIPs), the team members associated with Six Sigma, or the anticipated benefits and cost savings associated with implementing the PIPs.*

## BN Six Sigma yellow belt engagement showing results

by Rhyan Andrews

In October, **Mike Opalka** was highlighted as the first qualified yellow belt. Six Sigma is proud to announce that **Pam Halton**, information technology specialist, is the second qualified yellow belt and the first yellow belt to turn her process improvement project (PIP) over to a black belt for further data analysis.

**Rhyan Andrews**, champion for the Monthly Power Recharge Process PIP, asked Halton to support this PIP. It was a necessary effort to address an issue which has been plaguing the power system recovery process since before the beginning of the Bechtel Nevada contract in 1996.

Halton's PIP, entitled Monthly Power Recharge Process PIP, focused on the collection of Nevada Test Site power usage meter readings. These readings are used to allocate appropriate charges to each organization. The recovery rate was 95 percent and the PIP targeted a recovery rate of 97 per-

cent. After utilizing all the yellow belt tools, Halton came to a conclusion that her process was not stable and needed further analysis by a black belt.

**Amy Moore**, Six Sigma black belt, was assigned to analyze Halton's PIP. In Six Sigma methodology, yellow belts have the responsibility to complete the process mapping, data collection and the majority of the time intensive work. The PIP is then turned over to a black belt to complete the process.

"This is Six Sigma working at its most efficient," said Moore. "Pam has brought the PIP through the measure phase. The black belt can focus on rigorous data analysis, enabling the PIP to be expedited and improvements to be made in a timely manner," added Moore.

In the past several months, yellow belt expectations have become well defined and this type of activity should become the norm of the generation of future black belt PIPs.

## Tarantino presents Performance Awards

At his recent all-hands meetings, **Fred Tarantino**, Bechtel Nevada's president and general manager, presented Performance Awards to employees.

Performance Awards are presented twice a year, to recognize individual employees and teams that demonstrate significant technical and/or operational performance that is above and beyond expected levels. Examples of outstanding accomplishments worthy of recognition under this program include safety, significant cost savings, innovation, quality improvement of a process or product, resource utilization improvement, environment, safety and health improvement activity, or added value of the customer. A committee, consisting of employees, reviews all entries and systematically selects the winners.

This period's winners were:

### Dr. Harvey Clark Jr.

Harvey served as the lead radiological controller for TOPOFF II interagency anti-terrorism exercise that supported the city of Seattle's fire, police, and hazardous materials (HAZMAT) technicians. He adapted to numerous changes in plans given by the first responders until the eve of the

exercise and supported on-scene activities during the two days of field play by managing all radiological control on-site.

### Stephen Coleman

From conceptual design to completion, Stephen has delivered outstanding design, fabrication, and field assembly support to the *Piano* subcritical experiment effort. His innovative, unique, and cost-saving mechanical designs have defined mechanical hardware implementation methods for diagnostic support systems that are destined to become conceptual standards on future experiments. By creatively using both square tubing, in welded-frame support systems, and modular, extruded aluminum, for optical line-of-sight components supports in a zero-room environment, Stephen's hardware mounting systems successfully fulfilled all hardware requirements for imaging and radiography diagnostics.

### Ken Courville

Ken designed a system to count swipes obtaining more reliable data in a quicker time frame. The previous system was restricted because data still had to be calculated by hand and the swipe would have to be saved to recount later to establish a permanent document. Ken's system uses a portable

cont. on page 10

## Tarantino presents Performance Awards

cont. from page 9

swipe counter, a computer interface, and a laptop. He designed a spreadsheet that takes the data, performs the proper calculations, and provides data in the proper reporting format. This new system has saved time, money, and most importantly mistakes.

### Danny Field

As a new Bechtel Nevada employee, Danny immediately understood the impact a toxic metal concern would have to the viability of the Nevada Test Site. He initiated a Process Improvement Plan (PIP) to improve turn-around efficiency of sample data and to reduce costs associated with laboratory analysis; developed a comprehensive sampling and analysis plan; completed legacy characterization of over 400 facilities, including mapping suspected legacy areas of concern; developed an extensive beryllium awareness website to keep staff and customers informed; and developed and implemented work control requirements.

### Kim Foster

Kim made the recommendation to purchase and install a washer and dryer in the Lawrence Livermore National Laboratory building 600, to clean anti-C clothing that was worn but did not encounter radioactive contamination. Anti-C disposable clothing is currently used and costs \$15 each, while washable, reusable coveralls cost \$48 each and last four years and for 30 washings before a replacement is needed. With a current use of approximately 168 coveralls per year and by purchasing a washer and dryer, the cost of using the reusable coveralls is recovered by the second year.

### Jack Meeker

Jack came upon an accident that had taken place off Mercury Highway. A cylinder truck had run off the road, rolled over, and pinned the driver inside. As the first person on the scene, Jack took the appropriate actions, notifying emergency personnel, assisting and comforting the driver, stabilizing and preserving the accident scene, and assisting the emergency response personnel by identifying the hazardous gasses involved and appropriate mitigation.

### Paul Wargo

Paul developed a high-resolution imaging camera for use in electron beam diagnostics within the Lawrence Livermore National Laboratory Flash X-Ray Accelerator at Site 300. This facility is used to radiograph high explosives assemblies during detonations. His system produces high resolution Charge Coupled Device (CCD) camera images of the

actual electron beam position, intensity and spot size over a few-nanosecond gate period. This is a major improvement over previous diagnostics that did not produce time resolved images.

### CP-9 Control System Team (Lawrence Livermore National Laboratory [LLNL] Lightning Warning System)

**Tom Champion, Michael Gibo, Samuel McClain, and Stephen Tripp**

The LLNL Lightning Warning System is used to monitor the local electric field gradient and provide alarms/warnings when conditions are conducive to lightning strikes. The old system only provided an analog signal that was displayed either on a strip chart recorder or on a personal computer dedicated for that purpose. This team proposed to upgrade the system with some new technology that they had been applying to the control system. The new system provides automatic local warnings and alarms when the electric field gradient reaches a cautionary or dangerous level. Lights and sirens are located outside which give immediate warnings to personnel working outside.

### Solid Waste Operations

**Don Bickford, Don Cox, and Mark Tefft**

Solid waste operations was required to provide wastewater disposal services to Project 400. Multiple small 900-gallon vacuum trucks were used to service the 10 remote camps, range, and security checkpoints. This team proposed the use of a 5,000 gallon tanker that was being considered for excess. Using the tanker and one small pumper truck, wastewater was pumped by the small truck and transferred to the tanker and transported to the designated discharge location. The ability to transfer product for disposal from remote locations led to a cost savings of more than \$100,000.

### Surface Laid Power-Cable U1g Primary Power Feed, Area 1

**James C. Anderson, James H. Anderson, Larry Bates, Roger Clark, Christopher Dagenais, James Faglier Jr., Robert Gang, Dewayne Jenkins, Tremaine Joiner, Thomas Maher, Terry Nelsen, Vernon Nicholas, Jeffrey Pearce, Michael Raffety, Eric Robinson, John Snow, Lou Tharin, and Dale Walsh**

A team of Bechtel Nevada employees from the site maintenance and construction departments demonstrated dedication to work process innovation, cost efficiency execution, and the eradication of safety concerns when they completed the replacement of 12.47 kilovolt surface-laid cable that fed U1g. Similar installations had been completed before by

cont. on page 11

## Tarantino presents Performance Awards

cont. from page 10

each group, but the team sought a better way. The team developed a process to streamline the procurement and staging efforts while still improving quality, maintaining reliability, and performing the work in accordance with the Bechtel Nevada safety procedures, directives, and program (zero incidents). The project had an estimated cost projection of \$1.5 million; however, the team's innovation created an approximately a \$700,000 savings that should carry over to similar power line projects.

### Technical Library

**Loretta Bush and Robert Wilson**

This team saved Bechtel Nevada approximately \$40,000 by reducing the number of industry standards and specifications and exploring alternative methods and options when ordering for customers. They reduced the cost of subscriptions by asking customers which standards needed to be available in the technical library. They recommended discontinuing titles based on their findings and also found alternative ordering methods for the subscriptions. They researched and proposed these cost reductions while still maintaining the full service the technical library offers.

### 1881 Portal Monitor Team

**John Buckley, Donna Croom, Vern Hall, Steve Jones, Steve Koppenjan, Wayne Lenhard, and Matt Streeton**

The Department of Energy (DOE) is managing the program that provides maintenance and repair functions to U.S. government-deployed radiation detection equipment to many former Soviet Union countries in a joint agreement with the U.S. Department of State. Previous efforts experienced problems and a low customer satisfaction level. This team has been involved with the portal monitor radiation detection equipment portion of the program. The team has successfully completed maintenance on all DOE-requested countries during fiscal year 2003, which involved six trips to 10 countries and visited 32 sites. Their performance has resulted in positive response from the customer and resulted in more work scope and increased funding for the company.

### Long Pulse Development Team

**George Larsen, Kent Marlett, and Ke-Xun Sun**

The Long Pulse Laser Laboratory (LPL) at Livermore, California is a major element of the multi-year plan to establish core calibration capabilities in support of high energy density experiments. The LPL is used to test and characterize high-speed optical and x-ray streak and imag-

ing cameras that diagnose nuclear reactions. Until now, a modified commercial laser was used with marginal success. This team and a vendor team worked together and due to their fast and innovative work, the LPL was delivered to meet specifications and the National Nuclear Security Administration operational milestone deadline. The LPL is a custom laser capable of producing the highest power of any known laser and noise levels are below specified levels.

### Continuous Imaging Detector Development Team

**Araceli Diaz, Doug Devore, Wendi Dreesen, Mike Rutkowski, and Angela Tipton**

This team has constructed a prototype detector that could potentially take continuous images of events, such as radiographic views of dynamic tests for stockpile stewardship. The team developed the entire prototype, from concept to design to fabrication, with each member assuming primary responsibility for core elements, including analog electronics, digital readout, and optical interconnection. After integrating these elements into a single functional system, they then proved, through both a bench-top and complete x-ray functionality test, that the technology concept works and should be applied to full-scale camera systems.

### Detection and Tracking System

**Courtney Brown, Shannon Hatcher, Michael Lukens, Robert Noto, Stanley Roeske, Gary Schmidt, and Patrick Whitely**

The Detection and Tracking System is an array of sensors that are placed in selected locations, networked together through a command center and used to detect, identify, and track radiological/nuclear material traveling on roads and highways. It is a portable system that can be used to offer radiological protection to a variety of locations, including specific buildings, military bases, and special events. It can also be used to assist in search responses, by securing areas that had been investigated, and at harbors where suspect ships are docking. This system was developed as a joint venture between Bechtel Nevada and Lawrence Livermore National Laboratory. The aggressive schedule required everything to be ready for an April 2003 demonstration. Less than a week before the demonstration and after many modifications, delays, and setbacks, the system worked and the demonstration was a complete success.

– Compiled by Debi Foster

# Partnering for Education



## WSI-NV secures holiday joy for families

by Sheril Hamlin

In November, Wackenhut Services, Inc. - Nevada (WSI-NV) held their Annual Thanksgiving Food Basket Contest, which benefits the Quannah McCall Elementary School families. Every WSI-NV section participated in this event again this year.

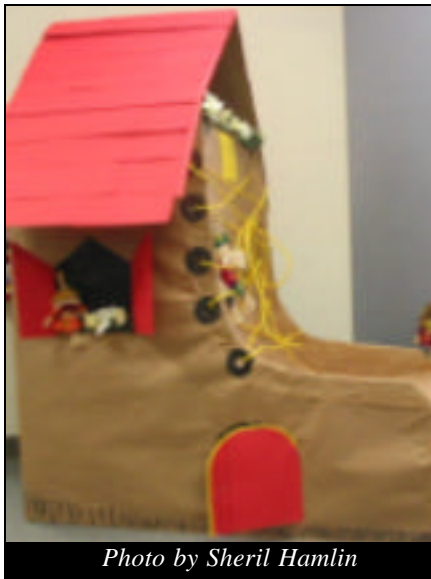


Photo by Sheril Hamlin

*"The Shoe," submitted by Wackenhut Services, Inc. - Nevada employees at the Nevada Test Site, won first place in WSI-NV's Annual Thanksgiving Food Basket Contest.*

This community reach program is one of the employee's most favorite activities. Not only does the basket decorating competition provide a chance to build camaraderie within the sections, but employees know many families were able to enjoy a Thanksgiving meal they would not otherwise have. Thanks to employees' generosity, enough food and gift certificates were collected to provide meals for 25 families.

WSI also received a call from Quannah McCall requesting special holiday assistance for a family in desperate need. The family had six children, ranging in ages from one year to nine years old. Once again, the employees dug into their pockets to help out those who needed a little help. A truckload of food, clothing, and toys was delivered to this family on December 19, 2003.



Photo by Sheril Hamlin

*"The tree" entry, submitted by employees from WSI-NV's general manager's office and finance, captures second place.*

## BN recognizes outstanding achievement in the fields of science and engineering

by Nancy Tufano

Bechtel Nevada is accepting nominations through March 1, 2004, for the second annual Science and Engineering Award. Established in fiscal year 2002, the award supports the development of future leaders from the ranks of Bechtel Nevada's technical workforce.

30, 2003) by an individual employee or team of up to four members. Achievements are measured by a selection committee who examine nominations for the potential impact of the achievement to the field of science or engineering; and the contribution of knowledge, innovation, process efficiency, technical complexity, application, or combinations of such to the fields of science and engineering.

**Stuart Rawlinson**, chair of the award selection committee, stated, "Nominations received last year were incredible

The nominations are being accepted for achievements during fiscal year 2003 (October 1, 2002, through September

cont. on page 13

### BN recognizes outstanding achievement in the fields of science and engineering

cont. from page 12

demonstrations of the variety and caliber of science and engineering being conducted at Bechtel Nevada. The award last year went to Charles Madsen of the Remote Sensing Laboratory for his classified work on security systems technologies.”

For additional information on the Bechtel Nevada Science and Engineering Award, visit Bechtel Nevada’s Intranet

(<http://bnhome.nv.doe.gov/bnsea/default.htm>).

The completed nomination form, any supporting materials, and letters of recommendation must be received at mail stop NTS 416, Attention: Stuart Rawlinson, no later than the close of business on Monday, March 1, 2004, to be eligible for consideration.

Refer all questions to **Stuart Rawlinson** at **702-295-1185** or via e-mail at [rawlinse@nv.doe.gov](mailto:rawlinse@nv.doe.gov). Questions will be accepted through the close of business on Thursday, February 12, 2004. Responses to questions will appear on the Science and Engineering Award web page.



### The Great Smoke Out

by La Tomya Glass

Did you know that smoking is the single most preventable cause of death in our society?

According to the American Cancer Society, the United States incurs approximately \$97.2 billion each year in health care costs and lost productivity due to smoking. Smoking is directly responsible for 87 percent of lung cancer cases and causes most cases of emphysema and chronic bronchitis.

In addition to health and economic impacts, nicotine is a very addictive drug and is as addictive as heroin or cocaine. When inhaled it reaches the brain faster than intravenous drugs. Dealing with the addiction of nicotine, smoking becomes a habit for many people, noted Bechtel Nevada’s occupational nurse, **Karen Sondrol-Maxwell**.

“Smokers link smoking with many social activities making this a difficult habit to break,” says Sondrol-Maxwell. “It usually takes people two or more tries to quit smoking. Each time you quit you can learn what is helpful and what is harmful,” she added.

The prevalence of smoking is highest among Native Americans/Alaskan Natives (40.89 percent), next highest between African Americans and whites (24.3 percent), followed by Hispanics (18.1 percent) and Asians and Pacific Islanders (15.1 percent).

Approximately 22.2 million American women are smokers. Current female smokers age 35 years or older are 12 times



more likely to die prematurely from lung cancer than non-smoking females. According to the American Lung Association statistics, more American women die annually from lung cancer than any other type of cancer.

The following are examples of the negative effects of smoking:

- Smoking during pregnancy accounts for an estimated 20 to 30 percent of low-birth weight babies, up to 14 percent of pre term deliveries, and some 10 percent of all infant deaths. Even apparently healthy, full-term babies of smokers have been found to be born with narrowed airways and curtailed lung function.
- Smoking by parents is also associated with a wide range of adverse effects in their children, including exacerbation of asthma, increased frequency of colds and ear infections, and sudden infant death syndrome. An estimated 150,000 to 300,000 cases of lower respiratory tract infections in children less than 18 months of age, resulting in 7,500 to 15,000 annual hospitalizations, are caused by secondhand smoke.
- Secondhand smoke involuntarily inhaled by nonsmokers from other people’s cigarettes is classified by the U.S. Environmental Protection Agency as a known

cont. on page 14



## The Great Smoke Out

cont. from page 13

human (Group A) carcinogen responsible for approximately 3,000 lung cancer deaths annually in U.S. non-smokers.

Besides nicotine and the known cancer-causing chemicals, there are approximately 4,000 other identified compounds in tobacco smoke. These substances injure the delicate structures of the lung involved with the transfer of oxygen into the body and carbon dioxide out of the body.

Does quitting really help a lifelong smoker?

**Yes.** It is never too late to quit. The sooner smokers quit, the more they can reduce their chances of getting cancer and other diseases. Within 20 minutes of smoking the last cigarette, the body begins to restore itself.

- After 20 minutes: Your blood pressure drops to a level close to that before the last cigarette. The temperature of your hands and feet increases to normal. (*Surgeon General's Report, 1988, pp. 39, 202*)
- After eight hours: The carbon monoxide level in your blood drops to normal. (*Surgeon General's Report, 1988, p. 202*)
- After 24 hours: Your chance of a heart attack decreases. (*Surgeon General's Report, 1988, p. 202*)
- Within three months: Your circulation improves and your lung function increases up to 30%. (*Surgeon General's Report, 1990, pp. 193, 194, 196, 285, 323*)
- In one to nine months: Coughing, sinus congestion, fatigue, and shortness of breath decrease; cilia (tiny hair like structures that moves mucus out of the lungs) regain normal function in the lungs, increasing the ability to handle mucus, clean the lungs, and reduce infection. (*Surgeon General's Report, 1990, pp. 304, 307, 319, 322*)
- After one year: The excess risk of coronary heart disease is half that of a smoker's. (*Surgeon General's Report, 1990, p. vi*)
- After five years: Your stroke risk is reduced to that of a nonsmoker. (*Surgeon General's Report, 1990, p.79*)
- After 10 years: The lung cancer death rate is about half that of a continuing smoker's. The risk of cancer of the mouth, throat, esophagus, bladder, kidney, and pancreas decreases. (*Surgeon General's Report, 1990, p. 110, 147, 152, 155, 159,172*)
- After 15 years: The risk of coronary heart disease is that of a nonsmoker's. (*Surgeon General's Report, 1990, p.79*)

It is important to note that the extent to which these risks decrease depends on how much the person smoked, the age the person started smoking, and the amount of inhalation.

For more information on how to quit smoking, contact one of the following organizations.

American Cancer Society  
1-800-ACS-2345  
[www.cancer.org](http://www.cancer.org)

American Heart Association  
800-242-1793 (Call Center) or 800-242-1793  
[www.amhrt.org](http://www.amhrt.org)

American Lung Association  
1-800-586-4872 or 212-315-8700  
[www.lungusa.org](http://www.lungusa.org)

National Cancer Institute  
Cancer Information Service  
1-800-4-CANCER or 800-422-6237  
[www.cancer.gov](http://www.cancer.gov)

Office on Smoking & Health  
Centers for Disease Control and Prevention  
770-448-5705  
[www.cdc.gov/tobacco](http://www.cdc.gov/tobacco)

If you have questions regarding smoking cessation, contact **Sharon Mulhall (702-295-4736)** or **Karen Sondrol-Maxwell (702-295-1474)**.

### Keys to help you quit smoking:

Get ready, set a date, and get rid of all cigarettes and ash-trays. Do not let people smoke in your home. Review your last attempts to quit. Once you have quit, do not smoke, not even a puff.

Get support, tell family, friends and coworkers that you want and need their help. Ask them not to smoke around you. Talk with your health care provider. Get individual, group, or telephone counseling.

Learn new skills and behavior; try to distract yourself from smoking. Talk to someone, exercise or get busy with a task. Drink tea instead of coffee. Plan something enjoyable to do every day. Drink a lot of water and other fluids, chew gum, eat a healthy snack, go somewhere else, even into another room.

If needed, use medications correctly.



## An ergonomics checklist

by Connie Sheldon

**er-go-nom-ics** (*noun*) design factors, as for the workplace, intended to maximize productivity by minimizing operator fatigue and discomfort; the study of the design and arrangement of equipment so that people will interact with the equipment in a healthy, comfortable, and efficient manner. - Dictionary.com

According to the Occupational Safety and Health Administration (OSHA), hundreds of thousands of Americans suffer from ergonomic-related injuries every year. OSHA recently published a new tool for computer workstations. Just as you get in your car each morning or after someone else has driven it, you check the seat, rear view mirror, steering wheel, etc.

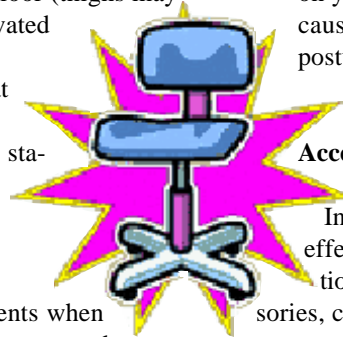
Please use this checklist to adjust your workstation each morning and afternoon.

### Working Postures

Is your workstation designed or arranged for doing computer tasks so it allows your:

- Head and neck to be upright and in-line with the torso (not bent down or back)?
- Head, neck, and trunk to face forward (not twisted)?
- Trunk to be perpendicular to floor (you may lean back into backrest, but not forward)?
- Shoulders and upper arms to be in-line with the torso, generally about perpendicular to the floor and relaxed (not elevated or stretched forward)?
- Upper arms and elbows to be close to the body (not extended outward)?
- Forearms, wrists, and hands to be straight and in-line (forearm at about 90 degrees to the upper arm)?
- Wrists and hands to be straight (not bent up, down or sideways)?

- Thighs to be parallel to the floor and the lower legs to be perpendicular to the floor (thighs may be slightly elevated above knees)?
- Feet resting flat on the floor or supported by a stable footrest?



### Seating

Consider these elements when evaluating your computer workstation's chair:

- backrest provide support for your lower back (lumbar area)?
- Does seat width and depth accommodate the specific user (seat not too big/small)?
- Do armrests, if used, support both forearms while you perform computer tasks, not interfering with movement?

### Keyboard/Input Device

Is the keyboard/input device designed or arranged for doing computer tasks so that the:

- Input device (mouse or trackball) is located right next to your keyboard so it can be operated without reaching?
- Wrists and hands do not rest on sharp or hard edges?

### Monitor

Is your computer screen designed or arranged for tasks so that:

- The top of the screen is at or below eye level so you can read it without bending your head or neck down/back?
- A user with bifocals/trifocals can read the screen without bending the head or neck backward?
- The monitor distance allows you to read the screen without leaning your head, neck or trunk forward/backward?

- A glare (for example, from windows, lights, etc.) is not reflected on your screen so that it could cause you to assume an awkward posture to clearly see a document on your monitor?

### Accessories and Telephones

In maximizing the comfort and effectiveness of your workstation through the use of accessories, check to see if:

- The document holder, if utilized, is placed at about the same height and distance, as the monitor so there is minimal head movement, or need to refocus, when you look from the document to the screen.
- The wrist/palm rest, if provided, is padded and free of sharp or square edges that push on your wrists.
- The telephone can be used with your head upright (not bent) and your shoulders relaxed (not elevated) if you do computer tasks at the same time.
- A telephone with a "hands-free" headset is available and practical to use when tasks require extended periods of phone use (or other simultaneous, manual tasks, such as typing while using the phone). If so, "hands-free" headsets should have volume adjustments and volume limits.

### Desk Lighting

Finally, it is essential that a workstation be properly lit to minimize ergonomic risks.

- Adequate desk lighting depends on the task you are performing. Use bright lights with a large lighted area when working with printed materials. Limit and focus light for computer tasks.

cont. on page 16

**An ergonomics checklist**

**cont. from page 15**

- The location and angle of the light sources, as well as their intensity levels, should be fully adjustable.
- The light should have a hood or filter to direct or defuse the light.

Additionally, OSHA recommends that computer tasks are organized in a way that allows you to vary tasks with other work activities, or to take “micro-breaks” or “recovery pauses” while at the computer workstation. Take frequent breaks when sitting and inputting for extended periods of time.

To schedule a workplace ergonomics assessment, contact **Connie Sheldon (702-295-7399)**.

Remember that it is important to “listen to your body.”

**Recycle printer cartridges**

by *Dodie Haworth*

There are so many different types of printers and cartridges in use that it can be confusing as to which ones can be recycled or how to recycle them. The following information will provide guidelines on recycling printer cartridges.

Laser Printer Cartridges

All toner cartridges from personal desktop printers and network printers can be recycled. Remove the expended toner cartridge from the printer and replace it with a new one. Place the used cartridge into the box that the new cartridge came in. Seal the box with tape and label it with the word “RECYCLE” in large, legible lettering. Place the box with your outgoing mail via the internal mail system. The used cartridges are collected at the warehouse and returned to the vendor for recycling.

All toner cartridges, regardless of the brand, can be recycled.

Ink Jet Printer Cartridges

Desktop printers that use the small ink jet cartridges are also recyclable. Since these cartridges have a tendency to leak, place the used cartridges in a plastic bag or use the foil pouch from the new ink jet cartridge. Place the bag or foil pouch in an internal mail envelope and send it to **Al Karns** at mailstop **NLV082**.

Ink jet printer cartridges are taken to a local vendor. The vendor recycles the cartridges by refilling them with ink and reselling them.

If you have questions about recycling printer cartridges, contact **Al Karns (702-295-5689)**.



Reduce, reuse, recycle.

**Retirements**

**Joyce Augustine** - NNSA/SC  
**Bill Donahoe** - NNSA/SC  
**Nancy Harkess** - NNSA/SC  
**Linda Hiltbrand** - NNSA/NSO  
**Midge Knight** - NNSA/SC  
**Alison Marks** - NNSA/NSO  
**Charles R. Phillips** - Bechtel Nevada  
**Linda Schmith** - NNSA/NSO  
**Ralph Smiecinski** - NNSA/NSO  
**Judy Soesbe** - NNSA/SC  
**Donna Tilman** - NNSA/SC  
**Paul Tilman** - NNSA/NSO  
**David Wheeler** - NNSA/NSO  
**John D. Whipple** - Bechtel Nevada  
**Runore Wycoff** - NNSA/NSO

**In Memory**

**James C. Lupo** - former Bechtel Nevada employee  
**Robert A. Luther** - former contractor employee

M
ILESTONES

Bechtel Nevada

30 years     *Nevada Test Site* - **Richard Givens**

25 years     *Las Vegas* - **Robert Bills**

20 years     *Las Vegas* - **Stephen Felgar, Carl Fleming, Jerry Lester, Jeffrey Morrison, Vincent Stern** ; *Nevada Test Site* - **Joyce Haywood**

15 years     *Las Vegas* - **Fina Martinez-Myers; Nevada Test Site - Pauline Hatcher, Michael O’Keeffe; Special Technologies Laboratory - John DiBenedetto, Wilfred Lewis**

10 years     *Las Vegas* - **Judith Bush, Audrey Christian, Richard Martinez**

5 years     *Las Vegas* - **George Conover, Kenneth Courville, Edwin Martin II, Donald Ricketts, Perry Wilson**; *Nevada Test Site* - **Debra Harvey, Ricardo Sandoval, Carlton Soong, Emerson Watkins; Livermore Operations** - **Scott Baarman**

New Hires     *Las Vegas* - **Inga Brennan, Joseph Brentano Jr., Jennelle Daniel, Gerald Galvin, Nathan Sadownik, Patrick Savidge, Terry Sirin, Geoffrey Turner, William Wagner, Valerie Ward, Denise Wieland** ; *Nevada Test Site* - **Martin Clemens, Lilia Dumlao, Katherine Enockson, Nicholas Fiore, Charles Shelton, Fred Smith Jr., Clarisol Villanueva, Brooke Wray, Scott Wright, Kenneth Yurek**; *Livermore Operations* - **Terry Richardson**; *RSL-Andrews Operations* - **Terrance Bartlett**

Stoller-Navarro

5 years     **Cara Houston**

Los Alamos National Laboratory

15 years     **Jeffrey Lewis**

Sandia National Laboratory

35 years     **James Metcalf**

Desert Research Institute

25 years     **Alan Gertler**

15 years     **Kathleen Smith-Miller**

Professional Analysis, Incorporated

10 years     **Pete Fitzsimmons**

— *Compiled by Tamiko Brown*

Face-to-Face



Name: Steve Curtis

Company: NNSA/NSO

Job Title: National Center for Combating Terrorism Project Director

Hometown: Las Vegas, Nevada

Hobbies/  
Interests: Science Bowl, golf, and completing my master’s degree

# CALENDAR OF EVENTS

**March 9**

Energizers Toastmasters club meeting. Pioche Conference Room (C205), Nevada Support Facility. Contact **Tonja Patton, BN (702-295-2621)**.

**March 23**

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)**.

**March 23**

Energizers Toastmasters club meeting. Pioche Conference Room (C205), Nevada Support Facility. Contact **Tonja Patton, BN (702-295-2621)**.

**March 23**

The Nevada Section of Association for Advancement of Cost Engineering International (AACEi) meeting. Meeting begins at 6:00 p.m. Clark County Government Center, 500 Grand Central Parkway, Las Vegas, Nevada. For additional information, contact **Robert May, BN (702-295-2087)**. To register for this meeting, contact **Ken Elder (702-794-1356)**.

**April 7**

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)**.

**April 22**

Take Our Sons and Daughters to Work Day. Various scheduled activities for children 9 to 18 years of age. For additional information on planned activities, contact **Tamiko Brown, Bechtel Nevada (702-295-2207)**; or **Sheril Hamlin, WSI (702-295-0804)**.

**Declassified Film Showings**

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

**Upcoming Conferences and Trade Shows**

**February 29 - March 4**

Waste Management Symposium (WM'04). Tucson Convention Center, Tucson, Arizona. For addi-

tional information, visit [www.wmsym.org/wmsym/default.asp](http://www.wmsym.org/wmsym/default.asp).

**March 7-10**

Ninth Biennial International Conference - Engineering, Construction and Operations in Challenging Environments. South Shore Harbour Resort and Conference Center, League City, Houston, Texas. For additional information, visit ASCE's website ([www.asce.org/conferences/space04/](http://www.asce.org/conferences/space04/)).

**April 26-28**

2004 National Contract Management Association World Conference. Renaissance Orlando Resort at SeaWorld, Orlando, Florida. For additional information, visit [www.ncmahq.org/meetings/WC04/](http://www.ncmahq.org/meetings/WC04/).

*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.*

**Editor:**

Kurt Arnold  
Bechtel Nevada

**Layout and graphics:**

Jennifer Morton  
Bechtel Nevada

**Contributors:**

Rhyan Andrews  
Kurt Arnold  
Tamiko Brown  
Debi Foster  
La Tomya Glass  
Sheril Hamlin  
Laura Harris  
Dodie Haworth  
Kirsten Kellogg

Michelle Meade

Fran Montes  
Darwin Morgan  
Jennifer Morgan  
Jennifer Morton  
Rosemary Rehfeldt  
Carla Sanda  
Connie Sheldon  
Karen Sondrol-Maxwell  
Kitty Spoeneman

Nancy Tufano