



ONE VOICE

January - February 2015

A Publication for the Nevada Enterprise (NvE) Complex

Holiday Giving

Once again NvE partners stepped up to deliver for the holidays.



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Safer Ports

RSL hosts international customs training in So. Nevada.



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NSTec Goes Paperless

iCon initiative helping to automate NSTec processes.



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Excess Property Effort Hailed as a Success for All in NNSA to Follow

By Jeff Donaldson, *OneVoice* Editor

An initiative to recycle and remove unused equipment and materials at the Nevada National Security Site (NNSA) has not only contributed millions to the NNSA mission, officials from the U.S. Department of Energy (DOE) say the Site sets an example all should follow.

Recently, Carmelo Melendez, senior Real Property officer, DOE-MA-65, and James A. Bullian, Organizational Property Management officer, NA-APM-13.4, toured the NNSA. They saw firsthand the results of an effort started by management and operating contractor National Security Technologies (NSTec) in 2011 to identify and dispose of government equipment at the Site. This equipment no longer had a mission requirement, was deteriorating or losing value.

The result was nearly \$4 million in revenue as well as a reduction in the environmental management costs by more than \$9 million at the NNSA, said Craig Mercadante, manager of NSTec's Asset and Material Management Department. The DOE representatives were impressed enough that they said they planned to take word of the project back to Washington, D.C.

"Mr. Melendez was very impressed with NSTec's management of personal property and their excess property campaign and mentioned the possibility of using NSTec as a role model throughout the department," said Ray Phifer, acting deputy manager for the Nevada Field Office. "He also stated that some of the data from the NSTec excess property campaign could be used to represent a major accomplishment in a brief to Congress."

Mercadante said the program actually began in July 2011 with the development of an Excess Integrated Project Team with members from NSTec's Radiological Operations, Materials Management and Property Management. Their goal was to improve the disposal process for excess government property, as well as:

- Reduce footprint of government property that no longer has a mission requirement
- Lower non-Environmental Management (EM) liabilities
- Reduce inventory
- Increase sales revenue
- Reduce the amount of material going to the landfill and promote additional Pollution Prevention recycling

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Photo: NSTec Auction

One lot of casing pipe sits ready for removal.

Chemical Inventory Program Set to Make NNSA More Efficient

By Jeff Donaldson, *OneVoice* Editor

An expanded chemical inventory system being developed for Nevada National Security Site (NNSA) facilities will not only help track materials used in the mission, but officials say it could also facilitate a drastic reduction in excess chemicals.

Each year National Security Technologies (NSTec) is required to inventory chemicals stored across the NNSA. "Environmental Programs performs the inventory every year to provide reports on the quantities of products we have on site to the State of Nevada and the Environmental Protection Agency (EPA)," said Reed Poderis, NSTec Environmental Restoration manager, who is assisting with implementation of the chemical inventory program.

The current inventory program does not allow for real-time tracking of chemicals, as Poderis points out, "The current inventory is just a snapshot in time, a look at what we have in December. You can't look at the list in June and expect it to be the same."

Environmental and Waste Management (E&WM) Director Teri Browdy has spearheaded the effort to modernize and improve the electronic chemical inventory database, the Hazardous Substance Inventory. After the 2014 inventory was completed in December 2014, data started being transitioned to a module of NSTec's maintenance management system, Maximo. This new system is similar to the system used at other U.S. Department of Energy sites, including Hanford, Idaho, and Savannah River in South Carolina. NSTec is currently phasing in the

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NvE Executive's Corner

Dave Taylor, General Manager, Navarro-Intera



I want to take this opportunity to acknowledge the important work Environmental Management (EM) teams are conducting here at the Nevada National Security Site (NNSS) and U.S. Departments of Energy and Defense facilities across the nation. The cleanup of these Cold War sites is essential for the protection of the environment as well as the continuation of critical national security missions.

The EM team goes about the business of remediation quietly but with great success here at the Nevada Field Office (NFO). EM collaborators, NFO federal staff, Navarro-Intera (N-I), National Security Technologies (NSTec), the national labs, Desert Research Institute and the U.S. Geological Survey, under regulatory oversight by the Nevada Division of Environmental Protection (NDEP), are making significant headway on a number of cleanup initiatives.

Assessments are underway at several NNSS sites, including areas where contaminated piping and surface soil are present. Additionally, remediation teams are making great progress at a number of Nevada Test and Training Range sites, thanks to a successful teaming with the U.S. Air Force. Significant progress is being made with our groundwater program as well. The Frenchman Flat model evaluation report has been accepted by NDEP, which paves the way to the formal closure phase. Attention is now on the Yucca Flat flow and transport model, which, following an independent peer review, will move toward evaluation by NDEP.

The success of these and other projects depends on the EM team members, who are some of the most competent, innovative environmental professionals in the world. The N-I Public Involvement group is doing a great job of expanding stakeholder involvement with regard to waste management and other cleanup initiatives. I'd also like to recognize the stellar performances of groundwater modeler Greg Ruskauff, the Soils field crews led by Dan Henry and Mark Burmeister, technical specialists like Patty Gallo, and NSTec's Reed Poderis for his seamless coordination of work between contractors.

Of course I'd like to extend my thanks to NFO's EM Assistant Manager Scott Wade, NSTec's Teri Browdy, all the key federal leads such as Kelly Snyder, Bill Wilborn and Tiffany Lantow, and so many others for their leadership and support. I wish I had the space to name everyone.

I look forward to embracing the challenges and accomplishments of the New Year with the entire NvE family. Happy 2015!

Dave

Centerra-Nevada Begins the New Year with New Graduates

By John Lombard, Centerra-Nevada

Centerra-Nevada is proud to announce the graduation of the newest additions to the team. On Jan. 6, 2015, Lieutenants Michael Bagley, John Nichols, Deborah Hancock and Scott Ragsdel, Security Police Officer Gerardo Davila and Training Specialist James Lochner graduated from the Tactical Response Force (TRF)-100 initial training course.

The graduates of this class bring more than 107 consecutive years of military experience. They have served in the military occupations of civil affairs, medical services and vehicle transportation operations. Most have combat experience, and some even have multiple combat tours while serving throughout the world.

To graduate the TRF-100 course, these graduates must have completed more than 400 hours of extensive training in weapons, tactics and other specialized training. These professionals are now trained to control a situation quickly before it gets out of control and have learned how to protect our resources using tactics such as cursory searches, mental conditioning and use of force, if necessary. The Safeguards and Security Training Program is rigorous to ensure the students are trained to a level of proficiency and competence to protect critical resources. They provide

a broad range of services, from basic access control to complex security missions. They must always remain vigilant and alert, even when their job appears redundant and routine at times.

Duty Officers and Security Police Officers must accomplish the Department of Energy's missions without compromise or disruption. Our mission as the Protective Force for the National Nuclear Security Site is to protect nuclear weapons, information, people and infrastructure. With a growing number of security incidents directed against nuclear facilities and governments around the world, it is critical that our security forces remain alert, act safely and are attentive in protecting our assets.

For more than 60 years, the NNSS has played a vital role in the security of our nation. The NNSS provides support of the Stockpile Stewardship Program and is the nation's leader in homeland security with respect to nuclear/radiological testing, training and emergency response.



From left to right: Lieutenant John Nichols, Lieutenant Michael Bagley, Security Police Officer Gerardo Davila, Lieutenant Deborah Hancock, Training Specialist James Lochner and Lieutenant Scott Ragsdel.

Photo: Todd Breitigan

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Birddog Bark



The Operations Command Center: Guardians of the NNSS

By Brian "B3" Brown, NSTec

Who do you call when locked out of a dorm room or building at the Nevada National Security Site (NNSS)? When you have an emergency at the NNSS and you need assistance, who do you call? Who is watching and coordinating the airspace above the NNSS? Why are there so many ALLNETs announcements at the NNSS?

The answer to all of these questions is the same. The Operations Command Center (OCC) is your one-stop shop for information, reporting incidents, 911 calls and de-confliction and coordination between activities occurring at the NNSS. The OCC manages several discrete operational functions that are integrated to provide safe and continuous service to the National Nuclear Security Administration Nevada Field Office sites and facilities.

There are five positions in the OCC. The two primary OCC positions include a 24/7 Duty Manager and Fire Dispatcher. Other OCC positions play a vital role; however, they are not 24/7. These positions are the Air and Ground Operations Support position, the Operations Support Specialist position, and the Centerra-Nevada Liaison position. Each NSTec position has a qualification program that personnel are required to undergo upon

hire and to remain proficient at throughout their tenure.

The OCC is skilled on a variety of systems that enable personnel to be contacted for emergency/non-emergency notifications. These systems are used frequently and tested during drills/exercises and real world events. Systems are used to deliver information regarding protective actions (e.g., shelter-in-place, remain indoors, evacuate), severe weather notifications, and/or road closures.

The OCC uses wild land fire cameras daily to monitor a large portion of the NNSS. A lightning detection system is monitored during potentially severe weather. The OCC also uses a radar monitoring device to track aircraft in and around the NNSS.

The OCC team invites you to stop by for a tour, system demonstration or just to say "hello." The OCC is in a limited area located in Building 23-600 in Mercury (Blue Box). For coordination purposes, please contact Brandon Jautaikis at (702) 295-4260.

This is the second in a series of Birddog Bark articles. For questions, please contact Donna Whitehead at (702) 295-7155 or Brandon.

Excess Property Initiative

Continued from page 1

- Enhance NNSS for current and future programs.

The Excess Integrated Project Team used data from the Property Management Walk-through Program to prioritize and identify areas that would have the biggest impact and that had no funding to dispose of the excess property.

The property was screened through other DOE and government agencies, state agencies and universities for reuse before it was sold on government auctions. More than \$3 million of excess material was reused by these agencies, saving the government money from purchasing the same product.

The material included 3,226 cable reels located at the Area 2 cable yard; drill pipe and drilling equipment in Area 1; heavy duty equipment such as forklifts and

tractors in the Area 6 equipment yard; machine shop equipment from Area 23; and transformers and other miscellaneous materials from the Area 6 Wet 'n Wild yard, among others.

Processing the excess items resulted in \$511,000 in revenue in FY12, \$2.7 million in FY13 and \$1.2 million in FY14, Mercadante said. Some excess was redeployed to other government agencies, saving another \$2.5 million. Disposing of the material also extended the life of the 10C landfill by over three years at a cost savings of \$835,000.

"We had to find ways without increasing our current budget to dispose of this property before it was unusable or had no value," Mercadante said. "Each member of the team deserves the credit for this accomplishment."

News Briefs

New NFO Deputy Manager

NNSA Nevada Facility Manager Steve Lawrence recently announced that Carol Sohn will join the NFO as deputy manager. Sohn "brings a wealth of experience and knowledge to help make the federal team stronger. As we continue on our journey to enable effective mission execution through operational excellence with a people focus, I believe Carol's background from the Department of Energy's Office of Science will help us as we move forward as a team and a community," said Lawrence.

Countering Weapons of Mass Destruction Testing Division

Reorganization within National Security Technologies' Global Security directorate has led to a new name and focus for one of its four divisions, formerly called the National Center for Nuclear Security (NCNS). The new division is now named the Countering Weapons of Mass Destruction Testing Division, or CWTD. While CWTD will continue to support the National Nuclear Security Administration (NNSA)'s NCNS program, the division will also provide weapons of mass destruction (WMD) testing expertise to a host of customers outside of the NNSA, through Strategic Partnership Projects and Strategic Intelligence Partnership Programs.

The new CWTD is working to become the world's premier WMD testing location. With unique facilities at the Nevada National Security Site (NNSS), CWTD is the only venue in the U.S. that can perform all-hazard testing across the full chemical, biological, radiological, nuclear and explosive threat spectrum. Together with two other Global Security divisions, the Remote Sensing Laboratory at Nellis Air Force Base and the Special Technologies Laboratory in Santa Barbara and San Diego, Calif., CWTD is also able to address contemporary cyber security concerns.

Within CWTD, the Radiological/Nuclear Countermeasures Test and Evaluation Complex, the Nonproliferation Test and Evaluation Complex and the Port Gaston facility support radiological/nuclear, chemical/biological and explosive testing, respectively. In partnership with Defense Experimentation and Stockpile Stewardship and the Nuclear Operations Directorates, CWTD can provide large-scale explosives capability at the Big Explosives Experimentation Facility and the Baker site, as well as a variety of tunnels across the NNSS that offer a wide-variety of WMD testing environments.

In addition to supporting programs within NNSA's Office of Defense Nuclear Nonproliferation, CWTD is now addressing customer's WMD testing needs within the Departments of Defense, Justice and Homeland Security, as well as the Intelligence community. As part of the broader Nevada Enterprise community, CWTD is striving to demonstrate excellence in WMD testing through safe, secure and efficient operations at the NNSS.

Holiday Parties, Charity Drives Enliven NvE Nationwide

By **OneVoice Staff Reports**

December's holidays bring out the charitable and gregarious side of many Nevada Enterprise (NvE) employees, from Washington, D.C. to the California coast. Here are some highlights of the season.



Photo: Kristen Kellogg
NSTec President Raymond Juzaitis (center) strikes a pose.

THE PARTIES!

Southern Nevada

The NSTec Holiday Party had its own "Saturday Night Fever" Dec. 6 at the Westgate Casino & Hotel in Las Vegas, when more than 450 employees and their guests partook of a buffet dinner, then shook their groove thing on the dance floor. NSTec turned the hotel's Paradise Room into a "Studio 51" disco (a combination of the famed Studio 54 in New York City and the popular Area 51 north of the Nevada National Security Site). Many dressed in the campy style favored in the 1970s – polyester pants, clinging shirts, gold chains, short psychedelic dresses, platform shoes and vinyl boots. Even NSTec President Raymond Juzaitis was in rare form, donning the leathered-up biker character from the Village People. Professional dancers showed off their disco moves before their rapt audience, who tried the moves themselves. Later, some of the audience snaked around the ballroom in a conga line.



Photo: Carol Champion
LO attendees L-R: (seated) Jerry Cradick, Linda Flaucher, Mary Ann & Mike Karrick; (standing) Dr. & Mrs. Patrick Ross, Jessica Bronson, Michael Cardenas.

California - Livermore Operations

On Dec. 18, Livermore Operations enjoyed a festive holiday evening at Beeb's Sports Bar & Grill located at the Las Positas Golf Club in Livermore, Calif. Michael Cardenas, standing in for Senior Operations Manager Chris Silbernagel, opened the evening with words of appreciation and highlights of 2014. A total of 53 employees and guests snacked on tasty appetizers (fruit and cheese platter, Thai chicken wings, fried coconut prawns and crostini) during a cocktail ice breaker. The main course was a delicious buffet featuring roasted New York steak medallions, baked salmon filet, and grilled artichoke chicken with side dishes of Caesar salad, wild rice pilaf, herb roasted new potatoes, and fresh rolls.

Before the holiday dinner, some employees also partook of the annual golf outing at Dublin Ranch Golf Course. Patrick Ross announced golf challenge winners and prizes. The winning team (with a low net score of 62) was comprised of Matt Griffin, David Hulse, Patrick Ross and his guest, Rich Tygeron.

To complete the meal, everyone enjoyed a slice of New York cheesecake with strawberry sauce or a Chocolate Suicide Cake and hot beverages during the Christmas present drawing and unwrapping.

California - Special Technologies Laboratory (STL), Santa Barbara

STL voted earlier in 2014 to host a cocktail party, instead of their usual formal sit-down dinner, with heavy appetizers and games. According to Chelsea Richey who helped coordinate the Dec. 18 party, "This format was really appreciated by all, as it allowed lab members and their guests to mix and mingle casually for the whole evening, as opposed to being 'stuck' at a table with the same people for most of the night."

The party was held at the Santa Barbara Club in downtown Santa Barbara, Calif. In addition to a selection of fine wines and beers, people enjoyed a Mediterranean-themed station with varieties of hummus and tahini with veggies,



Photo: Jack Weade
RSL-Andrews employees and guests enjoy their night out.

pita bread and grilled chicken for dipping. There were also cheese, fruit and bread, as well as coconut shrimp, mushroom and goat cheese tartlettes, skewers of grilled tenderloin beef, prosciutto wrapped asparagus and artichoke hearts with lemon and parmesan. Completing the appetizers was a dessert station of mini cakes, pies and crême brûlée.

Attendees entered into a raffle for 15 prizes, including tech gadgets, home workout equipment, unique kitchen appliances, plush throw blankets and health-food cookbooks.

New Mexico - Los Alamos Operations

Los Alamos Operations in New Mexico celebrated at The Lodge at Santa Fe Dec. 12. Said Kelly Hinojos, "We had a lot of compliments on how good the food was, especially the Red Chili Rubbed Beef," the chef's specialty. The buffet dinner also included pecan-crusted chicken and rosemary asiago au gratin potatoes, salad and vegetables, followed by delicious desserts. People danced to a live band called DK and the Affordables. Everyone received a picnic/travel blanket, while raffle winners won a Bose wireless speaker, Ninja blender and other prizes.

New Mexico - Sandia Operations

Seared ahi tuna, bacon-wrapped petite filet mignon and pan-roasted chicken breast were enjoyed by Sandia Operations' 25 employees and their guests at Savoy Bar and Grill Dec. 18 in Albuquerque, N.M.

Washington, D.C. - Remote Sensing Laboratory-Andrews

Employees from the Remote Sensing Laboratory at Andrew Air Force Base in Maryland and their guests dined in the nostalgic atmosphere of The Mansion on O St. in Washington, D.C. Their buffet dinner included an organic salad bar, tomato bisque soup, chicken picatta and BBQ brisket, with side dishes and Mansion-baked cookies and brownies. Guests also toured the rooms. The O is a late-19th-century building interconnected with five townhouses, and has more than 100 rooms and 70 secret doors. "It was a fantastic place. I would definitely go back," said Selina Gima.

THE GIVING

of economics, race, religion, choice of physician or health care facilities.

will be a lot of very happy children this year," she said.



Photo: Lory Jones

NSTec's Eric Howard moves bags of toys for loading into the Salvation Army truck.

Pro2Serve Donates to Three Square Food Bank

As part of its corporate appreciate program, Pro2Serve's corporate office donated \$2,000 to the food bank of Three Square, a Las Vegas non-profit organization that serves struggling individuals and families at risk of hunger. Pro2Serve, which stands for Professional Project Services, Inc., is a nationally recognized technical and engineering services firm

based in Knoxville, Tenn. Pro2Serve holds the Security Support Services contract with NNSA/NFO, and an engineering subcontract with Centerra-Nevada.

Toys for Tots

NvE employees at the North Las Vegas Facility, Remote Sensing Laboratory-Nellis and Nevada National Security Site stuffed 17 Toys for Tots barrels with hundreds of new toys and delivered 123 new bicycles and tricycles for distribution to local children. Toys for Tots is a program run by the United States

Great Santa Run

This year's Great Santa Run benefiting Opportunity Village was a success for Team NSTec. In its ninth year of participation, more than 90 NSTec employees and their family members and friends signed up to don red and white Santa suits and run or (mostly) walk on Fremont Street downtown. "We had a great turnout on the day of, the weather was beautiful and Santas were out in force," said NSTec's Great Santa Run Co-Captain Holly Cox. "We had numerous first time participants as well as many return runners."

Adopt-A-Family & Food Drives

NSTec helped brighten the holidays for 22 local families in need from a program at Kit Carson International Academy. NSTec's Adopt-A-Family program adopted these families by providing gifts that they requested. Sometimes the listed gifts are too expensive, personal or difficult to find. In these cases, NSTec is asked to purchase alternative gifts based on the family's demographics. All gifts were wrapped and name-tagged so that the children got to feel the anticipation and excitement of unwrapping a wanted gift.

NSTec employees delivered the gifts Dec. 17 to Kit Carson, a charter school in North Las Vegas (Kit Carson is one of NSTec's focus schools). In a letter to NSTec, the school said, "...the families appreciate your generosity... One of the mothers was sobbing with joy when she saw the many gifts her family had received."

Salvation Army's Angel Tree Campaign

Nevada Enterprise employees donated hundreds of new toys to the Salvation Army Angel Tree Program, to brighten a needy child's Christmas. The Angel Tree program meets the gift-giving needs of families with newborns to 14 years old. This year, employees adopted 100 angels and donated more than \$5,600 of toys.



Photo: Marc Klein

Coordinating N-I's Candlelighter's Angel Tree were DeAnn Divers (left) and TerryLynn Foley.

Candlelighters Childhood Cancer Foundation of Nevada

In December and early January, Navarro-Intera associates and Navarro corporate embraced the holiday spirit through donations to an Angel Tree for Candlelighters Childhood Cancer Foundation of Nevada. The \$1,140 cash donation was presented to support the Candlelighters mission of providing assistance for quality-of-life issues that are a large part of the childhood cancer experience for children, from birth to 21 years of age, including disease-specific education and emotional support. Candlelighters offers support and services to every family, regardless



The Great Santa Run participants.

Photo: Rafifi Papazian

Marine Corps Reserve which distributes toys to less fortunate children at Christmas time.

In Livermore, Calif., NSTec's Livermore Operations' Toys for Tots drive, from Nov. 20 to Dec. 15, collected enough toys to "overflow" their toy box, according to LO's Carol Champion who oversaw the drive. "There

In Los Alamos, N.M., the National Security Technologies Employee Association (NSTEA) and the Diversity Council at Los Alamos Operations collected food for their local LA Cares Food Bank.



Photo: Kirsten Kellogg

The 2015 Toys for Tots collection.

NNSS Alternative Fuel Vehicle Management Program Receives Federal Award

By *OneVoice* Staff Reports

The Nevada National Security Site (NNSS) and the Nevada Field Office (NFO) recently earned the 2014 Federal Energy and Water Management Award for the Alternative Fuel Vehicle (AFV) Management Program – making it the only U.S. Department of Energy (DOE) recipient of this distinguished award. The recipients were recognized for deploying cutting-edge practices that will significantly cut carbon pollution while protecting the NNSS's environment.

"This is a very prestigious award for the DOE, National Nuclear Security Administration (NNSA), the NFO and National Security Technologies (NSTec) to receive. Our team should be commended for the hard work and innovation, and focusing on our national goal to reduce our nation's dependence on foreign oil. I believe we are accomplishing great things toward that effort," said Rick Medina, Site Services Division manager at NSTec.

The NNSS increased its renewable fuel use by 195 percent from its 2005 baseline – an increase that was achieved through the construction of two ethanol (E-85) alternative fuel-capable service stations and implementing an innovative fuel lock-out program that identifies flex fuel vehicles and prioritizes the use of E-85. This significant increase in renewable fuel use effectively supports the national objective to reduce dependence on foreign oil.

The award ceremony was held by the DOE Federal Energy Management Program (FEMP) at the National Archives in Washington, D.C., Dec. 2, 2014, where all FEMP award recipients were recognized. FEMP provides agencies with the information, tools and assistance they need to meet and track their energy-related requirements and goals, and honors agencies for saving energy and water in federal facilities.



NSTec's Rick Medina (with award) is joined (left to right) by FEMP Director Tim Unruh, NFO's Angela Colarusso and John-Paul Martinez, NSTec's A.C. Hollins Jr. and NNSA Assistant Secretary Kathleen Hogan.

Photo: Ken Shipp, DOE

Centerra-Nevada Marks 50th Anniversary Serving So. Nevada

By Graig Newell, Centerra-Nevada

Jan. 15, 2015, marks the 50th anniversary of Centerra-Nevada (formerly WSI-Nevada) being awarded the Nevada Field Office (NFO) protective force contract to serve NFO's facilities in Southern Nevada. Although many things have changed over the past 50 years, including the primary mission at the site, the security contractor, Centerra-Nevada, has remained constant. Centerra-Nevada has had several name changes over the years (Wackenhut Corporation, Wackenhut Services Incorporated and G4S Government Services/WSI-Nevada). But the one thing that has remained the same is Centerra-Nevada's commitment to providing quality security services.

Before 1965, security was provided by Federal

Services, Inc. under the Atomic Energy Commission. On Jan. 15, 1965, the security contract was awarded to the Wackenhut Corporation. The company is built on the ideals of the founder, George R. Wackenhut, and the corporate philosophy of "Professionalism with integrity." This significant milestone was achieved because of an outstanding workforce that takes security seriously and understands how security relates to the total mission here in Nevada.

On its 50th Anniversary of providing security services to our nation, Centerra-Nevada would like to thank all those who have supported our mission and helped make achieving this milestone a reality.

Chemical Inventory Program

Continued from page 1

use of the system.

The objective will be to enter all chemicals into Maximo when they arrive on site, which would provide real-time data on quantities and types of chemicals. Chemical owners would benefit because Maximo could provide additional information, including quantities, purchase dates, Safety Data Sheets (SDSs), storage locations and expiration dates.

Excess chemicals will be flagged to facilitate transfer of chemicals before additional quantities are purchased. This system would help Industrial Hygiene and Occupational Safety ensure the safe storage and use of chemicals in the work place. The accurate accounting of chemicals would also lead to streamlined reporting of chemicals to the State of Nevada and the EPA, and help Fire and Rescue and Emergency Planning and Preparedness with emergency planning and response.

The new electronic program, once completed, is anticipated to allow NSTec to track chemicals from the moment they arrive on site through disposal and provide an accurate account of chemicals on site at any point in time. The system would also centralize employees' access to SDSs, which provide information about the properties and characteristics of chemicals. This would help increase awareness of chemical management, Poderis said.

The planning for the new system depended upon the successful completion of the 2014 chemical inventory. "Since we are taking a tiered approach to implementing the modified system, we had to begin our inventory earlier than usual," Poderis said. "This prompted a lot of groups to go through and audit their own surplus. We are already seeing a reduction in the footprint of chemicals currently located at the NNSS."

NSTec Environmental Programs Manager Phyllis Radack notes that the 2014 inventory is complete. "Over the next few weeks, Environmental Programs will be standardizing entries and linking chemicals to Maximo product numbers to expedite the data transfer," she said.

A team of personnel from E&WM, Mission Assurance and Safety, Work Planning, and Supply Chain is working with NSTec's Information Technology department to upgrade the Maximo program. Expanding its scope will aid in tracking more than 60,000 chemical containers that are managed at the NNSS, Remote Sensing Laboratory at Nellis Air Force Base and North Las Vegas Facility. Other NSTec locations may be included after this initial effort is complete. Mission Assurance and Safety will oversee the chemical management program and the inventory, once established.

Browdy said the team has put in many hours to bring the project to fruition, and she is urging NNSS employees to maintain awareness of the chemical inventory. "Keeping accurate track of materials will not only ensure the safety of everyone working at the NNSS, it will improve efficiencies in the overall mission," Browdy said.

RSL Hosts Port/Customs Training in Southern Nevada

By John Gelsthorpe, NSTec

Hundreds of thousands of shipping containers move between different international shipping ports each day. As the global marketplace expands, the efficiency of commerce and shipping becomes an important economic issue. However, speed can be a problem if the containers are required to undergo a screening process. Among other things, the international



Students (left to right) from the United Kingdom, Mexico and Thailand participate in the IRAPTER-PC field training.

community of Ports and Customs workers has the responsibility of determining whether or not there may be any signs of illicit material being smuggled into or out of their country. In this ever-present battle between the efficiency of global commerce and the safety and security of their citizens, it is important for these workers to have advanced training on how to efficiently find and deal with hidden or undeclared radiological material.

The National Nuclear Security Administration's International Emergency Management and Cooperation (IEMC) program hosted an international training event

the week of Oct. 20-24, 2014 in Las Vegas, Nev., that was geared specifically for ports and customs staff from International Atomic Energy Agency member states. Eighteen students from 11 countries participated in this annual "International Radiological Assistance Program Training for Emergency Response Port/Customs (I-RAPTER-PC)" event, which has been held in Nevada for the past three years. Personnel from the Remote Sensing Laboratory (RSL) Nellis Air Force Base and Joint Base Andrews and two instructors from Sandia National Laboratory provided the classroom training and hands-on field instructional exercise.

The IEMC program holds IRAPTER classroom training events around the world for specific partner nations, but the IRAPTER-PC training held in Nevada is quite unique because the students are able to fully practice their techniques and procedures against radiological material in a realistic environment. The first two days of classroom training were held at the National Atomic Testing Museum/Desert Research Institute. The training transitioned to a field exercise, where the students were given field instruction and practice at the Nevada National Security Site's Radiological Nuclear Countermeasures Test and Evaluation Center (RNCTEC). The students learned from various scenarios that tested their knowledge and techniques of how to detect radiological sources.

"The venue, the materials and the instructors' expertise made this portion of the training unique to other locations," said RSL Senior Manager Carson

Riland. "The training furthers the NNSA goal of assisting our international partners in their preparedness and training for radiological incidents."

The training concluded where the students were each given certificates for completing the course. As a result of the IRAPTER-PC visit, the students returned to their various work locations at ports around the world better equipped, should they have to deal with any radiological concerns or terrorism.

NNSA collaborates with more than 80 foreign governments and 10 international organizations. Projects range from providing assistance to foreign governments in improving their emergency preparedness and response programs, to joint collaborative activities to improve emergency management infrastructure worldwide.



Students (left to right) from Cambodia, Thailand and Germany work together during the IRAPTER-PC field training.

Photos: Steve Carragher

iCon Helps NSTec Replace Paper with 21st Century Technology

By Lory Jones, *OneVoice* Editor

National Security Technologies (NSTec) has included in some of its business processes "green" technology. The rationale is logical and simple: The company looks forward to a more paperless tomorrow that reduces cost while saving the environment.

NSTec's most recent project is Integrated Content, which goes by its branded name, "iCon." iCon operates from software by OpenText, Inc. that is federally approved to hold electronic records, replacing the current paper records process. iCon's pilot, which debuted in 2014, was the Ethics and Business conduct - Annual Certification And Notification form. The second pilot will be the Scientific and Technical Information Process. Each of these will be paperless from the point of implementation. In time, the existing paper records (in office and possibly those stored at the off-site records repository) will be moved into iCon.

Eventually iCon will benefit all NSTec employees with its efficient and automated processes. For example, the Ethics Certification form, which is mandatory for all NSTec employees, is available through iCon so that employees can meet this annual requirement. As more processes are automated through iCon to include the management of records, more and more Nevada Enterprise employees will begin to use this system in the future.

"We continue to learn the tools and iCon will eventually take over administration of the current system," said Sally Perea, principal administrative specialist in NSTec's Requirements, Records and Document Division.

Besides going paperless, iCon has other advantages. According to Perea, iCon is extremely powerful. Approved by the Department of Defense to hold federal electronic

records, its other primary functionality is the workflow tool or Business Process Management, which is fully automated to include electronic signature. Another feature is iCon's ability to integrate to other business systems, using the workflow, electronic signature or records repository without replacing the existing system.

As with all new systems, there's always at least one challenge - the broad user base. Perea said they're figuring out how some employees without computer access will be able to use iCon, as well as the rest of the Nevada Enterprise and sub-contractors NSTec works with.

But that's why pilots are good: They're learning stages, said Perea. "The pilots help NSTec work through challenges that will help the company be better prepared for the next project."

ONE VOICE



A Publication for the Nevada Enterprise (NvE) Complex

Employee is First Volleyball Athlete in JSU's Hall of Fame

By **OneVoice Staff Reports**

When she attended William E. Orr Junior High in Las Vegas, Nev., Tammy Blackwell-Witt just wanted to be a water girl for her school's volleyball team. The coach, Mrs. Madison, saw something else in Blackwell-Witt, and convinced her to try out for the team. That coach's vote of confidence years later turned Blackwell-Witt into a volleyball superstar: She became the first volleyball athlete to be inducted at Jackson State University (JSU)'s Hall of Fame. Jackson State is in Mississippi.

This is the second Hall of Fame honor for Blackwell-Witt, a native Las Vegan and mail services employee with Jantec Inc. at the North Las Vegas Facility. She was first inducted as a teenager in the Hall of Fame at Valley High School in Las Vegas, where she helped win the school back-to-back State Championships during

volleyball tournaments. In her senior year, Blackwell-Witt was named Most Valuable Player by Las Vegas volleyball coaches in the high school leagues.

Blackwell-Witt said that she had developed so much passion and dedication for the game that "volleyball was my main priority as a teenager. I actually slept with my volleyball during tournaments." Blackwell-Witt credits her high school coach, Linda Close, for instilling a *positive mental attitude*: "Those three words have definitely helped me throughout my volleyball career," she said.

Because of her prowess on court, Jackson State University's volleyball coach Jean Romain recruited Blackwell-Witt after watching video tapes and news clippings of her performance. In that time, JSU offered her a four-year scholarship in volleyball, a fairly new program there.

Shortly afterwards, Coach Romain left. That's when Blackwell-Witt faced some challenges. Being that it was the South, volleyball was not a popular sport. In fact, "volleyball was not recognized as a legitimate sport by individuals who served on the selection committee," she said. But thanks to a determined new coach, Rose Washington, the JSU volleyball program "was turned into a winning force by recruiting girls nationwide" to join the team, the Lady Tigers.

"Coach Washington is the reason I am



Tammy Blackwell-Witt

in the JSU Hall of Fame," said Blackwell-Witt. "She was the one who recommended my name to the committee and the board. Both recommendations had to be signed off by the university president. I became the first volleyball player to be inducted at JSU's Hall of Fame. I am blessed and grateful for this historic achievement."

Blackwell-Witt is also grateful to her family, friends and coworkers for their support and encouragement. "The bucket list of my volleyball career has been completed - 'been there, done that!'"

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NvE Calendar of Events

- **Feb. 18** – 6th Annual NNSG Groundwater Open House and Nevada Site Specific Advisory Board Public Meeting; Beatty Community Center, Beatty, Nev., 4-6 p.m.
- **Feb. 21** – "Swimming in a Sea of Radiation" presentation, Las Vegas Natural History Museum, 12:30 p.m.
- **Feb. 27 & 28** – Regional Science Bowl (middle school)
- **March 7 – May 16** – City of Las Vegas Corporate Challenge