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2008 Marked by Major Accomplishments: NTS Partners Looking Ahead to '09 Challenges

Conducting high-tech experiments that test the readiness of the U.S. nuclear stockpile. Developing and testing nuclear radiation detection equipment to bolster defenses against weapons of mass destruction at our nation's checkpoints. Teaching first responders how to detect radiation from potential terrorist attacks.

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NNSA Administrator Tom D'Agostino swears in Steve Mellington as the manager of the Nevada Site Office in November.

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"The work we accomplished was critical to meeting many of the goals of the National Nuclear Security Administration (NNSA), and for those federal

agencies who rely on the test site," says Steve Mellington, who in November was named the 10th manager of the National Nuclear Security Administration Nevada Site Office (NNSA/NSO).

The past year saw the completion of a number of major goals, among them the transition of operations at the Nevada Test Site (NTS) from the National Laboratories to NSTec, WSI-NV gaining recertification as a Voluntary Protection Program (VPP) STAR participant, and SNJV relocating to the Nevada Support Facility at Losee Road.

In support of its primary missions of stockpile stewardship and nuclear readiness, the NTS also achieved significant marks in subcritical experiments, counterterrorism support training and low-level waste disposal.

"The outstanding employees of NSTec delivered quality products on time and on budget, enabling the use of the test site to complete vital national security missions," says NSTec President Steve Younger. "I am particularly proud that we achieved both ISO 9001 (quality) and ISO 14001 (environment) certifications in FY 2008, and Earned Value Management System certification in December – the only NNSA site to have all three of these independent certificates of performance."

And 2009 is expected to be even more ambitious. Goals include completion of the Criticality Experiments Facility (CEF) and support of Los Alamos National Laboratory work at NTS, the NTS beginning its support of training for the NNSA Office of Secure Transportation (OST), as well as a number of infrastructure projects, among them construction of a new fire station and upgrades to the Mercury Highway.

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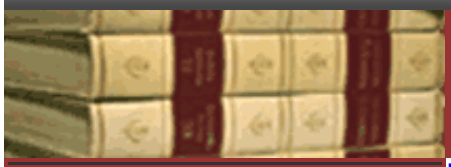

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NTS Partners Looking Ahead to '09 Challenges

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Here is a brief review of some of the major accomplishments of 2008:

Mellington Named Manager of NSO

Stephen A. Mellington succeeded Gerald L. Talbot Jr. as manager of the NNSA/NSO in November. He had been the NNSA/NSO Assistant Manager for Environmental Management (AMEM). He has served as the

NNSA/NSO Deputy AMEM, Director of Environmental Restoration Division and Chief of the Environmental Restoration Branch for the U.S. Department of Energy (DOE) Nevada Operations Office.

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Mellington Named Manager of NSO

Mellington came to the NNSA/NSO in 1987 as an Environmental Compliance Specialist coordinating environmental compliance activities at the NTS and serving as National Environmental Policy Act Officer. Before joining the DOE, he worked 10 years with the Bureau of Land (BLM) as District Planning Coordinator. His federal career began in 1977 with BLM in Winnemucca.

Mellington is a graduate of the Federal Executive Institute and holds a Bachelor of Science in Soil Science from the University of Maryland. He resides in Las Vegas with his wife, Suzanne, and has three adult children.

DAF Upgrades Facilitate JASPER Mission

The Device Assembly Facility (DAF) at the NTS recently underwent an upgrade that will enhance the site's stockpile stewardship role. The DAF has been fitted with the capability to assemble targets for the Joint Actinide Shock Physics Experimental Research (JASPER) facility. Previously targets were assembled at Lawrence Livermore National Laboratory (LLNL) and shipped to NTS for testing.

Richard Higgs, program leader of the Joint Nevada Program Office (JNPO), says assembling the targets on-site has benefits for both the JASPER and DAF facilities. "Previously plutonium (actinide) targets were assembled into a mechanical structure and shipped in Type B containers from LLNL to JASPER. By shipping small plutonium components directly to the DAF for assembly, materials can be moved by commercial carriers – reducing

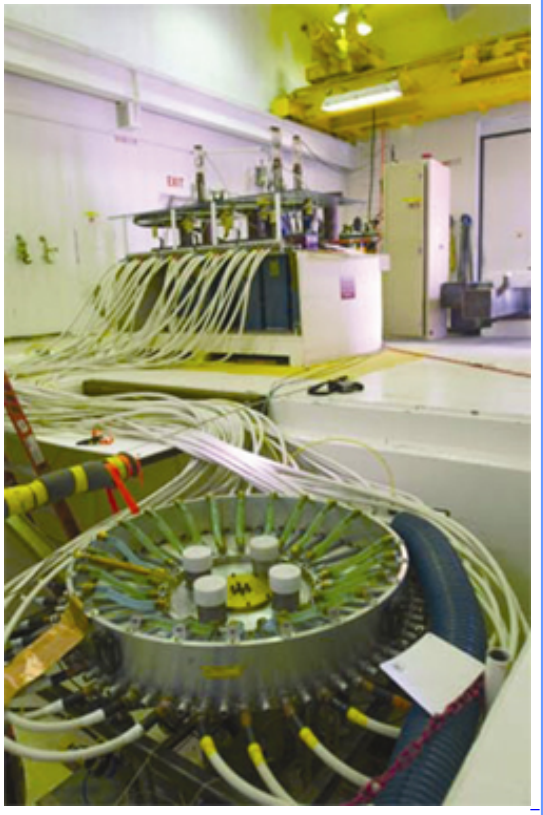
shipping costs dramatically," Higgs says.

JASPER plays an integral role in the certification of the nation's nuclear weapons stockpile. It provides a method to generate and measure data pertaining to the properties of radioactive materials at high shock pressures, temperatures and strain rates. These extreme laboratory conditions approximate those experienced in nuclear weapons. Higgs says assembling the JASPER targets at DAF also improves timeliness in the relationship between assembly and the actual experiment, thereby improving data quality and reducing the potential for damage to the target.

Since the 1992 moratorium on nuclear testing, the NNSA/NSO relies on the many capabilities, including the gas-gun technology of JASPER to obtain material properties data. JASPER has been used to conduct 80 experiments, or shots, since 2001. The first assembly using the glovebox technique was completed in late June and was successfully tested in mid-July.

NTS Turns Fusion into Detection Asset

The relocation of a new nuclear fusion machine from North Las Vegas to the NTS is helping to enhance the country's detection capabilities in a way rarely found elsewhere.



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One of NSTec's Dense Plasma Focus (DPF) sources was recently relocated to Area 11 on the NTS to conduct research and development activities to enhance the country's nuclear detection capabilities. Previously, DPF used only deuterium fusion. Now it uses a deuterium-tritium gas load. Deuterium-tritium fusion creates controlled, higher-powered reactions that can be used to calibrate neutron yield detectors.

The first DPF experiment at NTS was conducted on November 1, 2007, just six months after the technology was moved from the Losee Road facility. It was so successful that the source is now frequently used by all three National Laboratories. "The DPF is an efficient, multipurpose tool," says Andrew Obst, Los Alamos National Laboratory (LANL) staff physicist. "We use the outputs of the fusion reaction for many important purposes. At NTS, the DPF is used for physics experiments, to qualify detection systems, and to characterize and calibrate specialized detectors that are used in experiments by the national labs."

NPTEC Completes Major Projects

The Nonproliferation Test and Evaluation Complex (NPTEC) team safely and successfully executed multiple projects vital to current national security challenges in 2008 by supporting the development of technologies critical to the nation's ability to detect and collect information about chemicals associated with the processes of interest.

Included in 2008 projects was the first-ever controlled release of three different chemicals of interest. These extremely dangerous chemicals required entirely new release systems for safe handling and accurate release rates. "The systems performed flawlessly and our customers were amazed at our ability to execute this very difficult assignment," says Robert Summers, director of Homeland Security and Defense Applications for NSTec.

Last year also marked the first-ever effort of the NPTEC team on a test mission overseas. The trip required extensive planning and close coordination with all participants. Several NSTec support organizations also contributed to the success of the mission, including the shipping and receiving department, which was responsible for ensuring all the team's equipment arrived safely and was returned to the NTS in a timely manner.

BEEF Puts Phoenix in Motion

The BEEF (Big Explosives Experimental Facility) Complex is an above-ground high-explosive test bed, developed for large explosive loads. Comprised of four sub-facilities, a bunker, a camera bunker, physics support trailer, and a remote trailer park, the complex is remotely located in Area 4 of the NTS. Experiment execution and data recording can be supported from either the bunker or the remote trailer park. NSTec and LLNL continue to improve the BEEF.

During 2008, the facility supported the Full Function Test-2 (FFT-2) in support of LLNL. The High Explosive Pulsed Power (HEPP) experiment was the second in a series of developmental experiments that are integral to the Phoenix Project and the design of future HEPP systems to be tested at the BEEF Complex. Also, during year 2008, several explosively driven experiments for WFOs (Work for Others) were supported and executed at the BEEF complex.

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Construction and Engineering personnel preparing the shot pad on the firing table at BEEF for FFT-

Click to Enlarge

2. A concrete slab is being poured. The experiment will set on the slab inside an environmentally controlled tent enclosure that will be placed over the slab and experiment.

Diagnostic personnel set up the Portable VISAR diagnostic system in the BEEF bunker in preparation for FFT-2.

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FFT-2 Execution - Execution of the FFT-2 HEPP generator test at BEEF.

NTS Facilities Transition Completed

The transition of NTS facilities to the management and operational responsibility of NSTec was wrapped up on time and under budget in September.

Patrick Morris, NSTec division manager, Readiness in Technical Base and Facilities, said the final briefing on the transition was completed on September 22. “We finished the transition on schedule and approximately $1 million under budget due to the great efforts, contributions and participation of everyone involved, including those team members from Nevada Site Office and the Joint Nevada Test Site Program Office (JNPO),” Morris says.

Historically, the National Laboratories have managed several NTS facilities, however NNSA issued a directive that shifted responsibility to NSTec. Most of the transition work involved modification or revision of hundreds of management, hazards analysis and regulatory documents as well as emergency response plans, security and operations procedures, and Real Estate/Operating Permits (REOPs).

WSI Recertifies STAR Status

Wackenhut Services, Inc. Nevada (WSI-NV) was awarded its second recertification in the U.S. Department of Energy Voluntary Protection Program (DOE VPP). The DOE created the VPP in January 1994 to recognize and encourage excellence in occupational safety and health protection.

WSI-NV received its first STAR certification in 2000. It now held the status for eight consecutive years – the longest of any security contractor in the NNSA complex.

“The WSI-Nevada Team commitment to excellence in worker health and safety is much more than a DOE VPP certificate and flag that recognizes this achievement; it is, without question, the demonstration of performance excellence in a program by employees, for employees,” says WSI-NV General Manager Dave Bradley.

NSO Opens “Green” Building at B3

The NNSA/NSO completed construction of the B3 administration office. This extensively remodeled structure was designed to Leadership and

Energy in Environmental Design (LEED) standards, and is expected to qualify for the prestigious LEED Silver designation.

Click to Enlarge

The B-3 Building at Losee Road.

The new “green” building was dedicated on March 25 in a ceremony attended by Nevada Governor Jim Gibbons. With more than 71,000 square feet of usable space housing up to 400 employees, the structure incorporates state-of-the-art automation to monitor and control lighting, heating, cooling and air quality. Additional “green” features include an insulated roof with reduces heating and what is known as the “heat island effect,” enhanced refrigeration management, and desert-friendly landscaping. Energy performance is expected to be optimized by 17.5 percent.

Completion of the B3 project brought to close NSO’s beryllium cleanup project and made space available to move employees from the Nevada Support Facility (NSF). That freed up space to relocate SNJV associates to the Losee Road facility for added cost savings.

SNJV Moves Operations to NSF

In August and September, associates from Stoller-Navarro Joint Venture (SNJV) packed up their desks, computers and cabinets and moved them to the NSF, vacating their previous offices on Cheyenne Road.

SNJV Business Manager Robert LaRow said the move was a major step by NSO and SNJV to be more cost-conscious. It was made possible by the availability of office space on the first and second floor at the NSF. “Since our client is located at the NSF, this move will give us a closer interaction

with them," LaRow says. "Principally, it also provides a significant cost savings to the government."

Angela Colarusso, NSO Safety and Operations assistant manager, says the move was completed two months ahead of the scheduled lease expiration date for the Cheyenne Facility. The lease cost savings will be nearly $1 million a year.

TRU Waste Closure Reaching End

The final chapter for legacy transuranic (TRU) waste at the NTS is drawing to a close after nearly 35 years. Since completing 48 shipments (1,860 drums) of legacy TRU waste from the NTS to Waste Isolation Pilot Plant (WIPP) near Carlsbad, New Mexico, in November 2005, the NSO has focused on preparing to ship off-site the remaining TRU waste, which is stored in 58 oversized boxes.

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Workers in protective equipment remove a glovebox section after cutting open an oversized box.

In order to meet current shipping requirements and the waste acceptance criteria for disposal at WIPP, the contents of the oversized boxes were characterized and repackaged. During characterization activities, it was determined that half of the waste was transuranic waste. Using a variety of technologies, the half was determined to be low-level and mixed low-level which can be safely disposed on the NTS at a significant cost savings. Shipments of the transuranic waste to the Idaho National Laboratory Consolidation Site for final characterization began on December 2. After final characterization is complete, the waste will be sent to WIPP for final disposal. It is anticipated that all TRU waste from the oversized boxes will

be shipped off the NTS by April 30, 2009.

NSTec Receives ISO, EVMS Certifications

National Security Technologies (NSTec) achieved a recommendation for International Organization for Standardization (ISO) certification in both Quality Management and Environmental Management systems. The three-year plan to receive the prestigious ISO 9001 (QMS) and ISO 14001:2000 (EMS) certification was realized one year ahead of schedule.

ISO standards are an international consensus of good quality management practices. “This is a tremendous achievement for our company,” says NSTec President Steve Younger. “To be certified by an independent body for excellence in these key areas is recognition of incredible work and progress.”

The company also was notified by the DOE Office of Engineering and Construction Management (OECM) that NSTec’s Earned Value Management System (EVMS) was certified on Dec. 1. EVMS is the primary tool used to evaluate current and projected cost and schedule performance for work performed on behalf of the NNSA/NSO.

Additionally, NSTec will seek its first-ever U.S. Department of Energy Voluntary Protection Program (DOE VPP) certification when an inspection team visits early next year. The company would join WSI-NV as the second NTS contractor to receive the prestigious STAR award. WSI-NV received its second recertification this summer.

NSO Emergency Responders Take On ‘Diablo Bravo’

Members of the Nevada Site Office National Emergency Response Organization descended on Washington state in August for a four-day exercise on terrorism. Diablo Bravo brought together radiological

emergency response personnel from all over the country. The exercise was held in late July in Kitsap County, Washington – home of Naval Base Kitsap and Bangor submarine base.

Nearly 40 people from NSTec and NNSA/NSO federal staff were part of the Federal Radiological Monitoring and Assessment Center (FRMAC). The FRMAC responded to a mock terrorist attack on a truck carrying nuclear weapons. On site, the scientist and technicians began collecting field data and generating maps for the Kitsap County Emergency Management Office.

According to Bill Suiter, FRMAC Director, “The data on the maps we give to the community leaders gives them the best picture of just how their community may have been affected by an event like this. With these maps, they find that many times they may have over-reacted when ordering an evacuation. We give the people in charge, in these towns and counties, a tool they would not otherwise have,” he said.

New Contract Awarded for OST Training

The NSO approved a long-term agreement for the NNSA Office of Secure Transportation (OST) at NTS. The OST will provide up to $2.5 million in infrastructure upgrades to the cafeteria at Camp 12. NSTec is expected to support 30 to 40 weeks of training each year.

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NTS Team Successfully Completes Radiation-Detecting ASP Testing

A team made up of Domestic Nuclear Detection Office (DNDO), National Security Technologies (NSTec), and Wackenhut Services, Inc. (WSI) subcontractors have been recognized for their efforts in successfully completing a test campaign designed to detect radiation in moving vehicles.

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A truck drives between ASP portals during testing at the NTS.

The mission was to gather critical data of the Advanced Spectroscopic Portal (ASP) during the campaign, which accomplished all of its required test scenarios. These ASPs are cutting-edge radiation detection systems being tested at the Nevada Test Site (NTS) for the U.S. Department of Homeland Security (DHS) and the DNDO.

Defending America's ports from terrorist activities involving radioactive material is the driving force behind the ASP test team. The campaign was designed to determine which portal system does the best job at finding illegal radioactive material.

An ASP system consists of two portals positioned on either side of the street and directly parallel to each other. When an 18-wheel semi-truck drives between two ASP units, it is not apparent anything is happening –

there are no lights flashing or buzzing sounds, just the sound of the tires against the asphalt. In reality, a semi-truck carrying any type of radiological material would have been detected by the ASP system, which would have identified the material and sent an alarm to the system operator.

Nearly every morning from June to August, the ASP test team sent an 18-wheel semi-truck on the first of many runs up a short asphalt track. The sole objective was to detect any radiation on or in these trucks. The system was also used to differentiate between allowable radiation or radiation associated with illegal activities.

Coming together at the NTS, the ASP test team focused on gathering critical data for analysis. The total number of personnel varied from 30 to 60 people, depending on test requirements. More than 300 NSTec and WSI personnel supported the effort during the six months of set-up and testing.

In order to collect the data required for analysis, the ASP test campaign consisted of three separate phases. The first phase was the data collection effort. Specific radioactive sources were passed through the ASP systems in varying configurations to establish the baseline for the testing. The second phase required the development and use of shipping containers with specific amounts of shielding and masking material. The third and final phase was the performance testing of the ASP systems.

The test team completed the campaign on August 20. “This is the best testing I’ve ever seen, anywhere,” says Vayl Oxford, director of DNDO. “The test team facilitated quick data analysis and validation, taking just 10 days to complete. In the past, data analysis had taken weeks, if not months.”

Julian Hill, assistant deputy manager of DNDO, presented the test team with a team plaque. The plaque stated, “In recognition and appreciation of their outstanding contributions to protect our nation from nuclear and radiological attack by successfully executing the most rigorous test and evaluation campaign of Rad/Nuc detection systems.”

On September 2, Oxford also presented 35 certificates of appreciation to test team members who DNDO felt worked over and above what was required, giving extra effort to ensure success. Sixty additional certificates were handed out and configuration team also received the NSTec Quarterly Performance Award for their dedication to gathering this critical data.

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NSO Fiber Optic Project; Connecting NTS and Indian Springs

The Nevada Site Office and National Security Technologies (NSTec) are moving in on a potential starting date to begin installing fiber optic cable from the Nevada Test Site in Mercury to Creech Air Force Base in Indian Springs.

The $4 million project would improve connectivity from the remote site and cut down on communications costs from the NTS into the Las Vegas area, says Sabine Curtis, Federal Project director, NSO.

“The expansion of this fiber optic service will not only reduce costs but will provide the ability to transmit high quality, high speed data to our scientific community,” Curtis says.

The fiber optics project originated in 2004 when Sen. Harry Reid (D-Nev.) helped secure funding for the fiber optic “glass” lines. The lines are capable of transporting internet, phone and digital cable capacity, much like phone lines do now. The fiberoptic cable is planned to be entrenched along the side of U.S. 95, stretching from the Mercury to Indian Springs.

Currently, the Air Force already has fiber optic stretching from Creech AFB in Indian Springs to Nellis Air Force Base in Las Vegas. In an earlier partnership arrangement, the project secured a Memo of Understanding with the USAF and received the rights to use some of their “glass” lines.

NSTec Project Manager Jim Catlin said plans to connect NSTec and NSO resources from Nellis still must be worked out, but having the fiber optic cable that much closer to Las Vegas would significantly reduce costs.

“This will reduce the monthly recurring expenditure for our telephone bill in terms of thousands of dollars per month,” Catlin says. “It also would increase available bandwidth between Mercury and the populated center (Las Vegas) where worldwide connectivity would then be available.”

Engineering and design of the fiber optic project is complete, however Curtis said NSTec and NSO now must work together on an extremely extensive and involved permitting process for use of right-of-way space on land controlled by the U.S. Bureau of Land Management and the Nevada Department of Transportation.

Ideally, construction of the lines would start sometime in the summer 2009, with a goal of nearly one mile of cable being laid each day. The project could be completed as early as the fall 2009, Catlin envisions.

Modernization of the communication infrastructure with this new fiber optic line will enhance current and future NSO missions, Curtis says.

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NSTec, NTS Open Houses Deemed Success

National Security Technologies (NSTec) welcomed employees and their families to two open house events in November.

The North Las Vegas Facility, Remote Sensing Laboratory (RSL)-Nellis and the Nevada Test Site (NTS) showcased their facilities to more than 600 visitors over a one-week period.

“The theme of NSTec’s first open house in eight years –Proud Past, Exciting Future– demonstrates how NSTec, with participation from the Nevada Site Office, contractors and labs, has successfully progressed through vital projects that support our mission in serving national security,” says NSTec President Steve Younger.

More than 30 venues were displayed.

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At RSL-Nellis, Piotr Wasiolek explains RSL’s Aerial Measuring System (AMS). AMS responds to calls for aerial radiological and

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Radiological Control Department’s “High Contamination Area” included this glove box that let

multi-spectral surveys including background mapping of major cities.

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Fire & Rescue – Paramedic Captain Mike Worthen explains the use of the "human patient simulator" mannequin for emergency medical and paramedic training.

visitors slip their hands into special gloves designed to handle contaminated material in an airtight container.

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Season of Giving Continues at NTS

The Nevada Site Office (NSO), along with its prime contractor, National Security Technologies (NSTec), reaches out to the community in a variety of ways during the holiday season and 2008 was no different.

In addition to its support of the U.S. Department of Energy (DOE) Regional Science Bowl each year and NSTec's recent contributions of more than $1 million in educational grants, the two partners also stepped out in November and December to help families in the community.

Through NSTec's partnerships with two local at-risk schools, Kit Carson Elementary and Jim Bridger Middle, the company helped students with both a Thanksgiving food drive and a Toys for Tots toy collection campaign. This year, employees stepped forward to donate non-perishable food items and toys for children. As always, the response from employees and recipients is overwhelming.

NSTec also saw its employees pledge more than $371,000 to the United Way of Southern Nevada in 2008. Because of the company's consistent generosity, NSTec was one of only five companies asked by the United Way to serve as a pacesetter campaign this year. Pacesetter companies work toward the United Way's annual campaign goal before the actual kickoff. They set the fundraising pace for the rest of community. NSTec began campaigning for the United Way in 2006 and has already pledged more than $1 million.

Steve Mellington, NSO manager, says all of these efforts are just a small part of the dedication to fostering community relationships for the foreseeable future: "Our outreach takes many diverse forms, and each initiative helps us build a stronger community." Adds NSTec President

Steve Younger, “We care about our community. It shows in the important work we do.”

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NSTec Becomes Red Cross Safety Net Charter Member

National Security Technologies (NSTec) has become a charter member of the American Red Cross Safety Net Program in Southern Nevada.

The goal of the Safety Net program is community education with an emphasis on teaching first aid and cardiopulmonary resuscitation (CPR). It also creates partnerships with businesses to increase access to automatic external defibrillators (AEDs). Both efforts are to ensure that more people are trained and committed to responding to life-threatening emergencies.

“When minutes count and professional help is not available, your life is likely to depend on a bystander exercising competent lifesaving measures,” says Dr. Jeff Moon, NSTec’s Site Occupational Medical Director.

The goal of Safety Net is to train at least two people in first aid, CPR and the use of AEDs in each work area. Dr. Moon says NSTec was an ideal charter member partner because hundreds of employees actually are trained already. The company actually has more than 100 AEDs located in various work areas, both at the Losee Road facility and at the Nevada Test Site.

“The partnership with the American Red Cross is another example of NSTec’s commitment to the community,” says NSTec President Steve Younger. “The fact that NSTec has existing programs which allow us to partner with the American Red Cross exemplifies our dedication to the safety of the workforce.”

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NNSA/NSO Announces Employees of Quarter

The National Nuclear Security Administration (NNSA) in 2009 has started a new program to recognize employees of the quarter for their service to NNSA assets in the nuclear complex such as the Nevada Test Site and its support organizations.

The first two Nevada Site Office (NSO) Employees of the Quarter are Peter Munding, a physical scientist with NSO, and Robert L. Stueckrath, a health physics supervisor with National Security Technologies (NSTec).

Nominations are made by the supervisors and then NSTec senior management and the NSO management make the final decision on their respective employee.

Peter Munding, Physical Scientist, NSO

Peter Munding successfully led the joint U.S. and United Kingdom project, Black Widow 61, which was conducted at the Nevada Test Site. This project had many challenges, highlighted by the 24-hour a day, 55-day duration. In managing this project, Mr. Munding integrated both safety and security into the early planning process to ensure hazards and risks could be appropriately addressed.

Additionally, he coordinated and interacted with the multiple organizations

involved with this effort to ensure that the project staff, which was over 100 personnel, could successfully execute the project. Senior officials from both the U.S. and U.K. complemented Mr. Munding's leadership abilities with formal recognition of his efforts.

Robert L. Stueckrath, Health Physics Supervisor, NSTec

Bob Stueckrath's initiative, tireless efforts and teamwork greatly contributed to the tremendous success of the Over Size Box (OSB) waste repackaging project at the Nevada Test Site. He initiated numerous improvements to enhance the safety of the workers in this radiological high-risk work environment. These included the use of fixative on protective clothing and improved doffing methods.

He was instrumental in the design of the confinement system and ventilation flowpath to minimize the risks of personnel contamination. His clear explanations and one-on-one training of the risks present as well as the controls in place to minimize those risks have been invaluable. As a result, the OSB Project is one of the most advanced and safe high-risk waste repackaging facilities in the DOE complex.

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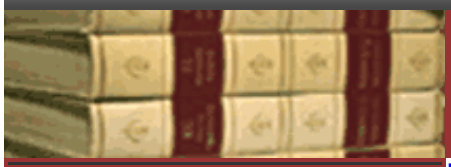

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In Brief

- NSTec Earns EVMS Certification
- NNSA Awards $20.8 Million; Contract Extension

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NSTec Earns EVMS Certification

National Security Technologies (NSTec) was certified by the Department of Energy (DOE) Office of Engineering and Construction Management (OECM) on December 1, 2008 for successfully demonstrating compliance of its Earned Value Management System (EVMS) with the American National Standards Institute/Electronic Industries Alliance (ANSI/EIA)-748.

Click to Enlarge

Mike Butchko, John Mallin (NSO AMSO), Steve Younger, and Al Rubalcaba are pictured with a commemorative plaque presented in recognition of NSTec EVMS certification. The presentation was made during an award luncheon recently that acknowledged the efforts of NSTec employees and their significant contribution to achieving EVMS certification.

EVMS certification is a key project management milestone that culminates an 18-month NSTec effort in developing and improving processes, systems tools, and qualification and training. The readiness for certification could not have been achieved without the strong partnership among NSO, NSTec, and NSTec's corporate reachback. A certified EVMS

externally validates that information used to manage enterprise projects is valid and reliable, which is essential in the NSTec's quest for excellence in Project Management.

The director of OECM, in a letter to Steve Younger, NSTec president commended NSTec for attaining the EVMS certification. The letter also acknowledged NSTec for "demonstrating a performance measurement system that provides valid data and is effective in managing project performance."

"This external certification gives our customers confidence that we are committed to data driven improvement in work scope delivery," says Younger. "It also gives our project teams confidence in the cost and schedule performance data needed to successfully manage and deliver mission for our customers."

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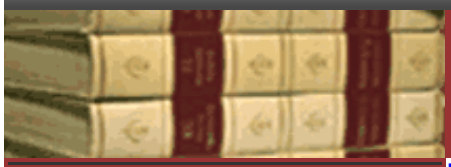
NNSA Awards $20.8 Million; Contract Extension

The National Nuclear Security Administration (NNSA) has awarded National Security Technologies LLC (NSTec) $20.8 million in award fee for the company's "outstanding" efforts managing and operating the Nevada Test Site in 2008.

In just its second year of the current contract, NSTec received one of the top performance ratings of all the sites in NNSA's nuclear weapons complex. The effort earned the company 95 percent of its annual fee, based on NNSA Nevada Site Office's assessment of the FY08 Performance Evaluation Report.

"Not only did we earn a 95 percent earned fee amount, we achieved the criteria for being awarded an Award Term year, extending our contract through 2012," NSTec President Steve Younger said. "Achieving one of the highest scores across the complex shows the level of dedication, hard work, and commitment to excellence NSTec has in fulfilling our mission at the Nevada Test Site."

The contract extension could be worth approximately $450 million.



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Milestones

National Security Technologies

30 years

Patrick O'Gara

25 years

Carl Fleming, Jerry Lester, Stephen Felgar, Vincent Stern

20 years

Daniel Romero, Garrett Headley, Harry Louft, Kenneth Bertrand, Richard Sorom, Scott Hopper, Fina Martinez-Myers, John DiBenedetto, Michael O'Keeffe, Pauline Hatcher, Wilfred Lewis

15 years

Audrey Christian, Rhyan Andrews

10 years

Juan Martinez, Mary Alice Price, Carlton Soong, Debra Harvey, Donald Ricketts, Edwin Martin II, Kenneth Courville

5 years

Ariel Borders, Casey Hulet, Inga Brennan, Jennelle Daniel, Katherine Enockson, Scott Bartholomew, Terrance Bartlett, Janice Johnson, Jason Prestridge, Jennifer Merrill, Justin Fish, Linda Hodges, Matthew Graves, Matthew Teel, Steven Rosenbaum, Tyler Bello.

Wackenhut Services, Inc. Nevada

5 years

William N. Colley

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Masthead

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Acronyms

The following acronyms appear frequently in *SiteLines*:

BEEF	Big Explosives Experimental Facility
CTOS	Counter Terrorism Operations Support
DAF	Device Assembly Facility
DOE	Department of Energy
EM	Emergency Management
ES&H	Environment, Safety, and Health
FRMAC	Federal Radiological Monitoring and Assessment Center
JASPER	Joint Actinide Shock Physics Experimental Research (gas gun)
LANL	Los Alamos National Laboratory
LLNL	Lawrence Livermore National Laboratory
NNSA	National Nuclear Security Administration
NSO	Nevada Site Office
NSTec	National Security Technologies, LLC
NTS	Nevada Test Site
PIP	Process Improvement Project
R-MAD	Reactor Maintenance, Assembly, and Disassembly Facility
RSL-A	Remote Sensing Laboratory - Andrews
RSL-N	Remote Sensing Laboratory - Nellis
SC	NNSA Service Center
SCE	Subcritical Experiment
SNJV	Stoller-Navarro Joint Venture
SNL	Sandia National Laboratories
STL	Special Technologies Laboratory

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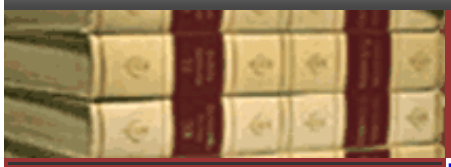

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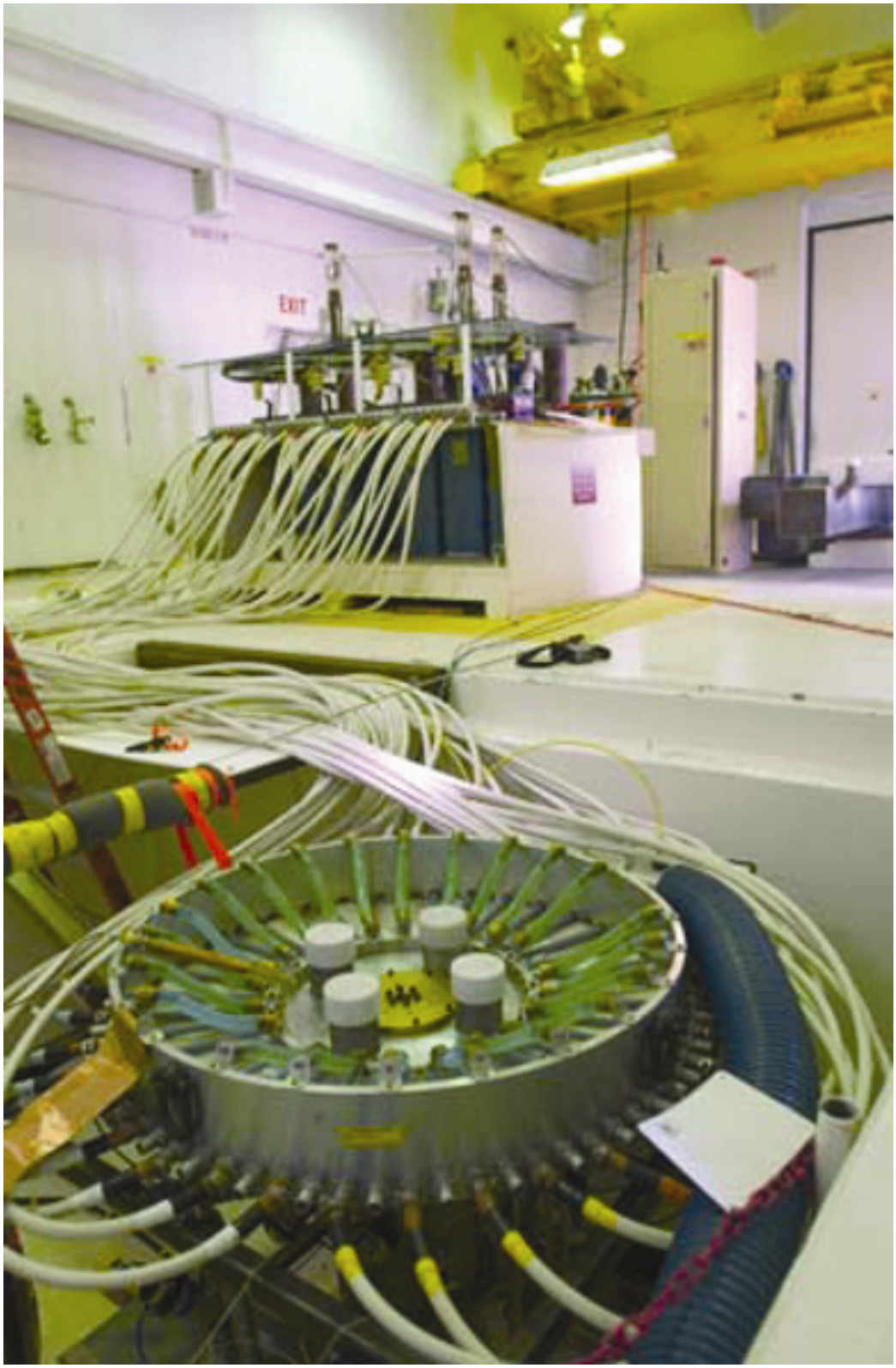
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DELICATE
UNIT


3


B3


DANGER
CONTROLLED AREA
HIGH CONTAMINATION AREA
AIRBORNE RADIOACTIVITY AREA
RWP REQUIRED FOR ENTRY
CONTACT RADCON PRIOR TO ENTRY
ULTRA ONE
2½ QUART


Aerial Measuring System (AMS) On-Call Response
Remote Sensing Laboratory (RSL)
AERIAL MEASURING SYSTEMS
AMS
Telemetry Station at RSL - Nellis
RSL - Nellis
Nellis AFB, NV
Globalstar Satellite
Communication System
(voice, data, and fax)
Distribute Data via FRMAC Web
FRMAC
Pre-deployment
Mission Planning
Aerial Radiologic
North Las Ve
Las Vegas Spe


4
EXIT
FIRE


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