



LIBRARY

U.S. Department of Energy
National Nuclear Security Administration

U.S. DOE/NNSA - Nevada Site Office

[Table of Contents](#)

[Milestones](#)

[News](#)

[NTS Public Tours](#)

[Factsheets](#)

[Speakers Bureau](#)

[Acronyms](#)

[Mailing List](#)

[Information Request](#)

[Publishing Information](#)

[Questions/Contact](#)

[Masthead](#)

[Archives](#)

[FAQs/QUESTIONS](#)

[SUBJECT INDEX](#)

[SITEMAP](#)

[SEARCH](#)

[CONTACT US](#)

[ABOUT US](#)

[HELP](#)

[ACRONYMS](#)

[FOIA](#)

[PRIVACY ACT](#)

[WEBSITE POLICIES](#)

[HOMEPAGE](#)

[Home](#) > [Library](#) > [SiteLines](#)



May/June 2009 - Issue 137

A publication for all members of the NNSA/NSO family

NSO Receives Recognition for DAF Roof Repairs *NNSA Roof Project Completed Two Years Early and 80 Percent Under Budget*

The National Nuclear Security Administration (NNSA) has recognized the Nevada Site Office (NSO) for completing a construction project at the Nevada Test Site more than two years ahead of schedule and at only 20 percent of the original cost estimate.



A worker places covering on the roof of the Device Assembly Facility.

A roof renovation project at the Device Assembly Facility (DAF) was originally projected at a cost of \$10 million, with an estimated completion date of September 2011. Last month, the work was completed early at a cost of \$2.2 million.

During a ceremony recognizing the accomplishment, NNSA Principal Assistant Deputy Administrator for Military Application Brig. General Garrett Harencak, applauded the project managers for saving U.S. taxpayers \$7.8 million.

[Read full story >](#)

In This Issue

- [NSO Receives Recognition for DAF Roof Repairs](#)
- [Nevada Site Office Gearing Up for Major Radiological Exercise in N.Y.](#)
- [Mercury Highway Construction Set to Begin](#)
- [First Responders Have a Valuable Tool in SAVER](#)
- [NSTec, NSO Award Construction Contract for New NTS Fire Stations](#)
- [Local High School Heads to Washington for Second Consecutive Science Bowl](#)
- [Swine Flu: What You Need to Know](#)
- [More B3 Building Accolades](#)
- [DOE Set to Present NSTec with VPP STAR Award](#)
- [Milestones](#)

*Published for all members of the NNSA/Nevada Site Office family
Stephen A. Mellington, Manager, NNSA/Nevada Site Office
Darwin Morgan, Office of Public Affairs
Submit articles or ideas to NSTec Public Affairs at donaldjw@nv.doe.gov.*

U.S. Department of Energy
National Nuclear Security Administration
Nevada Site Office
P.O. Box 98518
Las Vegas, NV 89193-8518
Phone: 702-295-3521
[USA.gov: The U.S. government's official web portal](#)

[Disclaimer and Security Notice](#)
[Privacy Policy](#) | [Notice to Users](#)

Comments to the [webmaster](#)
www.nv.doe.gov





LIBRARY

U.S. Department of Energy
National Nuclear Security Administration

U.S. DOE/NNSA - Nevada Site Office

- Table of Contents
- Milestones
- News
- NTS Public Tours
- Factsheets
- Speakers Bureau
- Acronyms
- Mailing List
- Information Request
- Publishing Information
- Questions/Contact
- Masthead
- Archives

- FAQs/QUESTIONS
- SUBJECT INDEX
- SITEMAP
- SEARCH
- CONTACT US
- ABOUT US
- HELP
- ACRONYMS
- FOIA
- PRIVACY ACT
- WEBSITE POLICIES
- HOME PAGE

[Home](#) > [Library](#) > [SiteLines](#)

NSO Receives Recognition for DAF Roof Repairs *NNSA Roof Project Completed Two Years Early and 80 Percent Under Budget*

The National Nuclear Security Administration (NNSA) has recognized the Nevada Site Office (NSO) for completing a construction project at the Nevada Test Site more than two years ahead of schedule and at only 20 percent of the original cost estimate.



A worker places covering on the roof of the Device Assembly Facility (DAF).



Workers renovate the roof of the DAF.

A roof renovation project at the Device Assembly Facility (DAF) was originally projected at a cost of \$10 million, with an estimated completion date of September 2011. Last month, the work was completed early at a cost of \$2.2 million.

During a ceremony recognizing the accomplishment, NNSA Principal Assistant Deputy Administrator for Military Application Brig. General Garrett Harencak, applauded the project managers for saving U.S. taxpayers \$7.8 million.

“The individuals involved with the management of this important project demonstrated creative thinking to solve a problem for a critical NNSA asset, the Device Assembly Facility,” said General Harencak during remarks delivered via teleconference. “To fix the issue as quickly as they did while saving taxpayers nearly 80 percent of the original price tag is a major accomplishment, and is the latest example of the excellent project management skills employed across the nuclear security enterprise.”

The DAF is a collection of more than 30 individual steel-reinforced concrete buildings connected by a rectangular common corridor. The entire complex is covered by compacted earth and spans an area of 100,000 square feet. The operational buildings in the DAF include five assembly cells, four high bays, and three assembly bays. Five staging bunkers provide space for staging nuclear components and high explosives.

One of the safety features of the DAF is its compacted earth overlay (cut-and-cover construction) roof system. Besides weather protection, the DAF roof provides for the filtration of escaping gases should there be an accident involving high-explosives inside DAF.

Over time, the porosity of the roof enabled water to infiltrate into the building causing unexpected maintenance expenses and industrial safety issues. In the summer of 2008, NNSA initiated a project under its Roof Asset Management Program to address the problem and awarded a contract to Building Technology Associates.

The program streamlines the management of its roofs by implementing a single multi-site construction activity – a program that in the past would have required multiple projects. Bob Schmidt, NNSA Headquarters Federal Program manager, hailed the cooperative effort of all the partners – citing similar approaches taken with successful projects at Pantex, Los Alamos

and Y-12.

“A project this size poses significant challenges, from materials and security to laydown areas for materials. It can lead to significant costs,” Schmidt said. Everyone involved in design and construction was brought into the project from the beginning, eliminating issues that could hamper the project later. “When you have centralized procurement and management, it takes everyone doing their part to make it happen, and that’s what we had on this project,” he said.

Engineers came up with a waterproof membrane structure to cover the entire area of the DAF roof. The engineered membrane structure allows for the gas filtration safety system to work as designed yet prevents water from filtering into the facility. Using this material allowed the project to be completed more quickly, and at a substantial savings, Schmidt said.

NNSA officials said the success of the complex project should serve as a model for all future roofing projects, and cited the Roof Asset Management Program for its award-winning approach to its overall management of real properties.

“This is another fantastic success – we’re all really proud of your efforts to bring the project in ahead of time and below cost,” said NSO Manager Stephen Mellington. “Thank you for another job well done.”

U.S. Department of Energy
National Nuclear Security Administration
Nevada Site Office
P.O. Box 98518
Las Vegas, NV 89193-8518
Phone: 702-295-3521
[USA.gov: The U.S. government's official web portal](#)

[Disclaimer and Security Notice](#)
[Privacy Policy](#) | [Notice to Users](#)

Comments to the [webmaster](#)
www.nv.doe.gov





LIBRARY

U.S. Department of Energy
National Nuclear Security Administration

U.S. DOE/NNSA - Nevada Site Office

- Table of Contents
- Milestones
- News
- NTS Public Tours
- Factsheets
- Speakers Bureau
- Acronyms
- Mailing List
- Information Request
- Publishing Information
- Questions/Contact
- Masthead
- Archives

- FAQs/QUESTIONS
- SUBJECT INDEX
- SITEMAP
- SEARCH
- CONTACT US
- ABOUT US
- HELP
- ACRONYMS
- FOIA
- PRIVACY ACT
- WEBSITE POLICIES
- HOME PAGE

[Home](#) > [Library](#) > [SiteLines](#)

Nevada Site Office Gearing Up For Major Radiological Exercise in N. Y.

Teams from the Nevada Test Site, and the Remote Sensing Laboratories (RSL) at Nellis Air Force Base in Las Vegas and Andrews Air Force Base in Maryland will join first responders from around the country this summer for a full-scale exercise designed to test responses to a radiological threat.

Empire 2009 (EMP-09) is a National Nuclear Security Administration-sponsored exercise hosted by the State of New York. The exercise, scheduled for June, is designed to evaluate the technical response and management of a domestic Radiological Dispersal Device (RDD) incident in an urban environment. This will include assessing the roles of all participants as outlined in the Nuclear/Radiological Incident Annex to the National Response Framework (NRF), and DOE's leadership role in radiological monitoring and assessment during an RDD incident.

The purpose of EMP-09 is to:

- Demonstrate a coordinated response to a radiological incident in an urban environment.
- Emphasize the interagency coordination necessary for the deployment of the Federal Radiological Monitoring and Assessment Center (FRMAC), including full integration of state and local entities.
- Address response- and resource-related policy issues that develop during an RDD incident after initial life-saving operations.

While previous exercises have focused solely on the immediate response to a RDD incident, EMP-09 exercise goals are intended to address the Consequence Management (CM) process. EMP-09 has the following three main goals:

- Assess the effect of changes to roles and responsibilities for

response to a domestic RDD as outlined in the National Response Framework.

- Test and evaluate the plans and procedures for managing the consequences of a domestic RDD incident in an urban environment.
- Evaluate the utility and effectiveness of radiological data products for effective incident management.

“National exercises build interagency relationships and the Lessons Learned go into developing our response capability,” said Donald Van Etten, Remote Sensing Laboratory-Nellis’s Consequence Management manager.

The initial exercise will begin on May 14-15 with a table-top facilitated discussion covering actions responding agencies would conduct during the first 48 hours following an attack. The field exercise will then pick up at the incident 48-hour point two weeks later on June 2 for three days in Albany, New York.

The exercise scenario involves the uncontrolled release of radiological material to test and evaluate consequence management asset response plans and procedures. The nature of the release will require responders and technical experts to evaluate the immediate impact on public health, assess the extent and magnitude of the release on potentially affected populations and environments, take actions to prevent further spread of the radiological materials, and restore critical infrastructure and key resources.

A FRMAC will be established by 71 Consequence Management Response Team (CMRT) members and exercise controllers from RSL/Nellis, RSL/Andrews and the Nevada Test Site. They will be joined by more than 400 responders from the National Nuclear Security Administration, the Department of Homeland Security, the Department of Defense, the Federal Emergency Management Agency, the U.S. Department of Health and Human Services, the U.S. Department of Agriculture, the Centers for Disease Control, the FBI, and other federal agencies and members from New York and Vermont State agencies, N.Y. Rensselaer and Albany counties and the City of Albany.

U.S. Department of Energy
National Nuclear Security Administration
Nevada Site Office
P.O. Box 98518
Las Vegas, NV 89193-8518
Phone: 702-295-3521
[USA.gov: The U.S. government's official web portal](http://www.energy.gov)

[Disclaimer and Security Notice](#)
[Privacy Policy](#) | [Notice to Users](#)

Comments to the [webmaster](mailto:webmaster@www.nv.doe.gov)
www.nv.doe.gov





LIBRARY

U.S. Department of Energy
National Nuclear Security Administration

U.S. DOE/NNSA - Nevada Site Office

[Table of Contents](#)

[Milestones](#)

[News](#)

[NTS Public Tours](#)

[Factsheets](#)

[Speakers Bureau](#)

[Acronyms](#)

[Mailing List](#)

[Information Request](#)

[Publishing Information](#)

[Questions/Contact](#)

[Masthead](#)

[Archives](#)

[FAQs/QUESTIONS](#)

[SUBJECT INDEX](#)

[SITEMAP](#)

[SEARCH](#)

[CONTACT US](#)

[ABOUT US](#)

[HELP](#)

[ACRONYMS](#)

[FOIA](#)

[PRIVACY ACT](#)

[WEBSITE POLICIES](#)

[HOMEPAGE](#)

[Home](#) > [Library](#) > [SiteLines](#)

Mercury Highway Construction Set to Begin

Construction activities to renovate major portions of Mercury Highway are ready to begin. Frehner Construction was awarded the subcontract to renovate at least 19 miles of Mercury Highway in Areas 1, 5, and 6. The total cost of the project, including project team and administrative support, is approximately \$19 million.

Construction for this project began in April 2009 and is expected to be completed by October. Nevada Test Site (NTS) workers are reminded that during the construction period, there will be some disruption of traffic along Mercury Highway. Speed limits will be reduced and traffic control measures will be in place. Every effort will be made to minimize the inconvenience to workers and operations and to minimize the construction schedule. All users of Mercury Highway are requested to be patient, observe the speed limit, and obey the traffic controllers.

The Mercury Highway project successfully completed a highly accelerated schedule to complete all design activities, participate in an Independent Project Review (IPR) by NA-54, prepare and issue a Request for Proposal (RFP) for a construction subcontract to renovate Mercury Highway, and award the subcontract before Sept. 30, 2008.

The design was completed in May 2008 and the RFP was issued in July 2008. The IPR was also successfully completed in July 2008. Four proposals were received and the subcontract was awarded on September 26, 2008. Two aspects of this effort were particularly noteworthy, according to Robert Platoni, project manager.

First, the RFP preparation, technical evaluation, and award recommendation were prepared and reviewed ahead of schedule. "The

support given by all of the reviewers, including National Security Technologies (NSTec) and the National Nuclear Security Administration/ Nevada Site Office (NNSA/NSO), was a major contributor to this success," Platoni said.

Second, the proposal prices were extremely favorable. "This can be attributed, in part, to the general downturn in the economy and the local construction market. However, the RFP contained an escalation clause for the price of asphalt cement to protect the subcontractors from the volatility and escalation of oil prices. This allowed the proposers to remove the risk from their proposal prices, for which they expressed their appreciation," Platoni said.

In his September 2008 memorandum approving Critical Decisions 2 and 3 , Robert Dino Herrera, Office of Infrastructure and Facility Management director, congratulated the project team for their "approach to include the asphalt escalation clause in the RFP. The outreach resulted in receiving four bids from highly qualified bidders and the asphalt escalation clause allowed the bidders to provide favorable bids." The support and guidance from the NSTec Procurement Department and NNSA/NSO Contracting Officer were extremely beneficial.

The combination of low proposal prices and decrease in the cost of asphalt cement allowed the project to pursue additional scope of work to be performed with the available funding. NNSA/NSO has authorized NSTec to prepare design drawings for the renovation of an additional 2.8 miles of Mercury Highway, which will be added to the construction subcontract. Design for the additional scope of work was completed in January 2009. Renovation of these additional 2.8 miles will also be accomplished this summer.

In addition, the project will help achieve NTS environmental goals in the area of Non-Hazardous Waste Generation and Management. The renovation process for Mercury Highway incorporates the re-use of the existing asphalt pavement, which eliminates the need to dispose of the old pavement, saving transportation costs and landfill capacity.

U.S. Department of Energy
National Nuclear Security Administration
Nevada Site Office
P.O. Box 98518
Las Vegas, NV 89193-8518
Phone: 702-295-3521
[USA.gov: The U.S. government's official web portal](#)

[Disclaimer and Security Notice](#)
[Privacy Policy](#) | [Notice to Users](#)
Comments to the [webmaster](#)
www.nv.doe.gov





LIBRARY

U.S. Department of Energy
National Nuclear Security Administration

U.S. DOE/NNSA - Nevada Site Office

- Table of Contents
- Milestones
- News
- NTS Public Tours
- Factsheets
- Speakers Bureau
- Acronyms
- Mailing List
- Information Request
- Publishing Information
- Questions/Contact
- Masthead
- Archives

- FAQs/QUESTIONS
- SUBJECT INDEX
- SITEMAP
- SEARCH
- CONTACT US
- ABOUT US
- HELP
- ACRONYMS
- FOIA
- PRIVACY ACT
- WEBSITE POLICIES
- HOME PAGE

[Home](#) > [Library](#) > [SiteLines](#)

First Responders Have a Valuable Tool in SAVER

National Security Technologies (NSTec) has joined forces with the U.S. Department of Homeland Security (DHS) to help evaluate emergency response equipment through a new first responder program at the Nevada Test Site (NTS).



A mobile system is being installed by the evaluators in preparation for the assessment.

The DHS established the System Assessment and Validation for Emergency Responders (SAVER) Program to assist emergency responders to make procurement decisions. The SAVER Program focuses on helping first responders sort through equipment options to make the best choices for their organizations. To accomplish this, the SAVER Program conducts objective assessments and validations on commercial equipment and systems, and provides those results along with other relevant equipment information to the emergency response community in useful user-friendly form. SAVER provides information on equipment that falls within the categories listed in the DHS Authorized Equipment List.

In March 2009, NSTec conducted a comparative assessment of commercially available mobile radioactive material search systems or mobile search systems at the NTS in support of the SAVER Program. The assessment evaluators consisted of a diverse group of 11 emergency responders including members of the New York City Police Department,

Hemet California Fire Department, Nevada Department of Health, Philadelphia Police Department, Florida Department of Transportation, and Suffolk County New York Police Department.

Mobile search systems enable first responders to perform searches for lost or stolen radioactive material as well as efficiently define the extent of radiation exposure in a large area. Assessment criteria for mobile search systems were identified using an emergency responder focus group, and were categorized within the SAVER Program categories—affordability, capability, deployability, maintainability, and usability.

Three realistic scenarios were developed to test the equipment: chokepoint, incident driven, and search.

Chokepoint: *During the presidential inauguration, intelligence has heightened the security level of the area. Washington DC area police have been advised that radiological material may be present and could be used in a terrorist attack. Chokepoints have been established at the major entry vehicle entry points. A vehicle containing a mobile search system will be parked at the chokepoints. Vehicles are expected to not exceed a speed of 10 mph proceeding past the vehicle containing the mobile search system.* In this scenario the sensitivity of the detectors was assessed as the evaluators observed how well they could detect a moving source. The ease with which the installation into a car was performed was also assessed as well as the user-friendliness of the software.

Incident Driven: *A traffic accident involving highly corrosive material and radiological waste shipment has occurred on a major highway. The type of radiological material is unknown, as the paperwork for the shipment was incinerated in the cab of the truck. The driver is incapacitated and unable to answer questions about what he was carrying. The identity of the material present needs to be determined to proceed.* Here the evaluators assessed whether or not the alarms on the mobile search systems were triggered appropriately, and if they were loud and obvious enough to be recognized.

Search Scenario: *The Radiation Safety Officer of the local university has*

alerted the authorities that some material is missing and believed to be stolen by a student who stashed the material in a vehicle parked in the university parking lot; however, no information about the vehicle was given. Spectral system-specific features such as GPS, mapping, and nuclide identification were evaluated in this scenario. Also, as changes in pavement and other environmental factors were introduced, the evaluators were able to observe each device's ability to handle extraneous background data and alarm only in the presence of radioactive material.

The mobile search systems were evaluated in a two-phased approach. Phase I focused on characteristics of the equipment which cannot be directly assessed, such as temperature and humidity tolerances. Phase II was the scenario portion of the evaluation where participants operated the systems in situations that would test the remaining criteria chosen by the focus group.

"To be able to provide an extremely vital service to the first responder community is important," says Carolyn Kafantaris, the National Nuclear Security Administration, Nevada Site Office, Federal Program manager for the SAVER Program at the Nevada Test Site. "As they protect our nation, they must also stay current with useful equipment that has capability, durability, and helps responders meet their challenges. This is a key way the SAVER program is meeting their needs."

Assessment results and other information provided by the SAVER Program are shared nationally with the responder community, providing a life-saving and cost-saving asset to DHS, as well as to federal, state, and local responders. Further information can be accessed through the SAVER Web site at www.dhs-saver.info/.

U.S. Department of Energy
National Nuclear Security Administration
Nevada Site Office
P.O. Box 98518
Las Vegas, NV 89193-8518
Phone: 702-295-3521
[USA.gov: The U.S. government's official web portal](http://USA.gov)

[Disclaimer and Security Notice](#)
[Privacy Policy](#) | [Notice to Users](#)

Comments to the [webmaster](#)
www.nv.doe.gov





LIBRARY

U.S. Department of Energy
National Nuclear Security Administration

U.S. DOE/NNSA - Nevada Site Office

- Table of Contents
- Milestones
- News
- NTS Public Tours
- Factsheets
- Speakers Bureau
- Acronyms
- Mailing List
- Information Request
- Publishing Information
- Questions/Contact
- Masthead
- Archives

FAQs/QUESTIONS

SUBJECT INDEX

SITEMAP

SEARCH

CONTACT US

ABOUT US

HELP

ACRONYMS

FOIA

PRIVACY ACT

WEBSITE POLICIES

HOME PAGE

[Home](#) > [Library](#) > [SiteLines](#)

NSTec, NSO Award Construction Contract for New NTS Fire Stations

Two new fire stations will be constructed at the Nevada Test Site (NTS) as part of a subcontract awarded by the National Nuclear Security Administration Nevada Site Office (NNSA/NSO) and National Security Technologies LLC (NSTec), the management and operations contractor for the NTS.

Martin-Harris Construction, of Las Vegas, has been awarded a subcontract to build the new stations at the remote, 1,350-square-mile facility, located 65 miles outside of Las Vegas. The first new fire station will be built at the Mercury compound, or in Area 23. The second will be located in Area 6, about 22 miles north of Station No. 1. The total cost of the two stations, including project team and administrative support, is approximately \$42 million.

The new stations will replace existing stations, which have been in use for more than 40 years, said NTS Fire Chief Chuck Fauerbach.

“The station designs are a significant improvement over the existing stations, which were built in 1967,” Chief Fauerbach said. “We simply have outgrown these stations.” Originally built to house only firefighters, the current stations support missions that were consolidated in 1996 to include structural and wildland firefighting operations, hazardous materials operations, emergency medical services, and technical rescue operations, among others.

The number of fire-fighting vehicles at the test site has grown to eight Type-6 wildland engines; four structural fire engines; two heavy rescue trucks; three light-duty incident command vehicles; one large mobile

incident command post vehicle; five hazardous materials, wildland fire supply, and breathing-air trailers; three Fire Marshal vehicles; six paramedic ambulances; and 10 special purpose all-terrain vehicles. "The average cost of a fire engine today has the potential to exceed \$300,000," Fauerbach explained. "We've had a significant number of vehicles sitting outside (the current fire stations) in non-climate controlled areas. That causes them to age prematurely."

NSTec President Steve Younger added, "These stations will modernize our facilities, bring our fire stations into compliance with current standards, and enable us to support the test site for many years to come."

In addition to supporting test site facilities and workers, Nevada Test Site Fire and Rescue personnel also provide mutual aid to Nye County communities such as Crystal, Armagosa and Pahrump, and frequently respond to vehicle accidents on U.S. 95.

The new fire stations also are designed to Leadership and Energy in Environmental Design (LEED) standards. Combined, the stations encompass more than 40,000 square feet of space. Work is expected to begin in late April, with completion coming in September 2010. The test site has a long history of supporting national security. It currently supports an array of modern missions, among them counterterrorism operations and stockpile stewardship, all originating from the base camp at Mercury, off U.S. Highway 95.

U.S. Department of Energy
National Nuclear Security Administration
Nevada Site Office
P.O. Box 98518
Las Vegas, NV 89193-8518
Phone: 702-295-3521
[USA.gov: The U.S. government's official web portal](http://USA.gov)

[Disclaimer and Security Notice](#)
[Privacy Policy](#) | [Notice to Users](#)

Comments to the [webmaster](#)
www.nv.doe.gov





LIBRARY

U.S. Department of Energy
National Nuclear Security Administration

U.S. DOE/NNSA - Nevada Site Office

- [Table of Contents](#)
- [Milestones](#)
- [News](#)
- [NTS Public Tours](#)
- [Factsheets](#)
- [Speakers Bureau](#)
- [Acronyms](#)
- [Mailing List](#)
- [Information Request](#)
- [Publishing Information](#)
- [Questions/Contact](#)
- [Masthead](#)
- [Archives](#)

-
- [FAQs/QUESTIONS](#)
 - [SUBJECT INDEX](#)
 - [SI TMAP](#)
 - [SEARCH](#)
 - [CONTACT US](#)
 - [ABOUT US](#)
 - [HELP](#)
 - [ACRONYMS](#)
 - [FOIA](#)
 - [PRIVACY ACT](#)
 - [WEBSITE POLICIES](#)
 - [HOMEPAGE](#)

[Home](#) > [Library](#) > [SiteLines](#)

Local High School Heads to Washington for Second Consecutive Science Bowl

A team of local high school seniors is headed to Washington D.C. for the second straight year to represent the region in this month's U.S. Department of Energy's 19th Annual National Science Bowl competition.

The Meadows School of Las Vegas marched through a 32-team, double-elimination tournament to win the U.S. Department of Energy's Nevada Regional Science Bowl Tournament, held Saturday, Feb. 7 on the campus of the University of Nevada Las Vegas.

The victory for the school's senior "Blue" team marked the second consecutive win, and the third in four years for the high school. The win earned the Meadows School team \$5,000 for their school and a chance to represent the region.

The Meadows School had its best ever finish last year during the 18th annual event. The five-student team compiled a 6-2 competitive record. Santa Monica High School, from California, placed first out of 67 teams from across the country, including the Virgin Islands and Puerto Rico.

First year Meadows School Coach David Santo Pietro has high hopes for his team at this year's event. The team is comprised of Jimmy Zhou, Vishnu Halhore, Prakriti Gaba, and Ronita Mukherjee.

More than 300 high school students are expected to compete in the national event. A total of 12,000-plus students from across the country participated in their respective regional Science Bowls.

The U.S. Department of Energy created the National Science Bowl in 1991 to encourage high school students to excel in mathematics and science and to pursue careers in these fields. The DOE supports mathematics and science education to help provide a technically trained and diverse workforce for the nation. More than 130,000 students have participated in the National Science Bowl throughout its 19-year history.

Meet The Meadows School Team

David Santo Pietro, Coach

Pietro received his Masters degree in physics from the University of California-Davis in Northern California, where he researched theoretical particle physics while teaching undergraduate students.

Previously, he has also conducted lab work, testing the properties of a semiconductor etching technique (LE4), and also at the CACTUS Cerenkov radiation telescope based near Barstow, California.



The Meadows School "Blue" Team receives their check during the February event. From left: Prakriti Gaba, Jimmy Zhou, Coach David Santa Pietro, Tyler Fitzgerald (not attending), Vishnu Halthore, Nevada Site Office Public Affairs Director Darwin Morgan, and Ronita Mukherjee.

Jimmy Zhou

Zhou was on the national Science Bowl team last year that represented the Nevada region. In addition to the Science Bowl, Jimmy has been a member of the Varsity Quiz team. He has also been part of the Asian Culture Club, Indo-Pakistan Club, and Italian Club. Jimmy has volunteered

over 700 hours at a local hospital.

Vishnu Halthore

Halthore has been involved with Science Bowl for four years and his team has won the regional event three out of those four years. He is also a National Merit finalist. Vishnu helped start and run the Face AIDS group that provides donations to regions in Africa affected with AIDS.

Prakriti Gaba

Gaba is new to Science Bowl this year. She is also an accomplished debater and piano player. Prakriti is a secretary of the National Honor Society. She is the only student in Nevada to earn a science research grant from the Arizona-Nevada Academy of Science. She is also the president and founder of Mode! UN. Prakriti opened three schools for underprivileged children in India. She is the captain of the Varsity tennis team at The Meadows School. Prakriti plans on pursuing a career in science, specifically neuroscience. She was recently accepted to Cal Tech.

Ronita Mukherjee

Mukherjee is also new to Science Bowl this year. In addition to Science Bowl, she participates in Varsity Quiz as well as Model UN. She did research over the summer in Arizona using electromagnetic radiation to conduct archaeology.

U.S. Department of Energy
National Nuclear Security Administration
Nevada Site Office
P.O. Box 98518
Las Vegas, NV 89193-8518
Phone: 702-295-3521
USA.gov: The U.S. government's official web portal

[Disclaimer and Security Notice](#)
[Privacy Policy](#) | [Notice to Users](#)

Comments to the [webmaster](#)
www.nv.doe.gov





LIBRARY

U.S. Department of Energy
National Nuclear Security Administration

U.S. DOE/NNSA - Nevada Site Office

- Table of Contents
- Milestones
- News
- NTS Public Tours
- Factsheets
- Speakers Bureau
- Acronyms
- Mailing List
- Information Request
- Publishing Information
- Questions/Contact
- Masthead
- Archives

- FAQs/QUESTIONS
- SUBJECT INDEX
- SITEMAP
- SEARCH
- CONTACT US
- ABOUT US
- HELP
- ACRONYMS
- FOIA
- PRIVACY ACT
- WEBSITE POLICIES
- HOME PAGE

[Home](#) > [Library](#) > [SiteLines](#)

Swine Flu: What You Need to Know

Swine flu has been in the news lately, and National Security Technologies (NSTec) Occupational Medicine wants to make sure everyone is well informed.

As of May 1, more than 200 cases of swine influenza A (H1N1) virus infection have been identified in the United States, as well as hundreds of cases in Mexico and around the world.

Symptoms of swine flu in people are similar to the symptoms of regular human flu and include fever, cough, sore throat, body aches, headache, chills and fatigue. Some people have reported diarrhea and vomiting associated with swine flu. In the past, severe illness (pneumonia and respiratory failure) and deaths have been reported with swine flu infection in people. Like seasonal flu, swine flu may cause a worsening of underlying chronic medical conditions.

What you can do to stay healthy:

- Cover your nose and mouth with a tissue when you cough or sneeze. Throw the tissue in the trash after you use it.
- Wash your hands often with soap and water, especially after you cough or sneeze. Alcohol-based hand cleaners are also effective.
- Avoid touching your eyes, nose or mouth. Germs spread that way.
- Influenza is thought to spread mainly person-to-person through coughing or sneezing of infected people.
- If you get sick, Occupational Medicine recommends that you stay home from work or school and limit contact with others to keep from infecting them. In addition, contact your primary care physician for further guidance.

If you have any questions, please contact Occupational Medicine at (702) 295-1473.

U.S. Department of Energy
National Nuclear Security Administration
Nevada Site Office
P.O. Box 98518
Las Vegas, NV 89193-8518
Phone: 702-295-3521
[USA.gov: The U.S. government's official web portal](#)

[Disclaimer and Security Notice](#)
[Privacy Policy](#) | [Notice to Users](#)

Comments to the [webmaster](#)
www.nv.doe.gov





LIBRARY

U.S. Department of Energy
National Nuclear Security Administration

U.S. DOE/NNSA - Nevada Site Office

[Home](#) > [Library](#) > [SiteLines](#)

[Table of Contents](#)

[Milestones](#)

[News](#)

[NTS Public Tours](#)

[Factsheets](#)

[Speakers Bureau](#)

[Acronyms](#)

[Mailing List](#)

[Information Request](#)

[Publishing Information](#)

[Questions/Contact](#)

[Masthead](#)

[Archives](#)

[FAQs/QUESTIONS](#)

[SUBJECT INDEX](#)

[SITEMAP](#)

[SEARCH](#)

[CONTACT US](#)

[ABOUT US](#)

[HELP](#)

[ACRONYMS](#)

[FOIA](#)

[PRIVACY ACT](#)

[WEBSITE POLICIES](#)

[HOMEPAGE](#)

More B3 Building Accolades: B3 "Green Building" Honored By Energy Secretary



In March, U.S. Department of Energy Secretary Steven Chu presented the Nevada Site Office's Tom Stephens (right) the Secretary of Energy's Improvement Award for the B3 Building Remediation, Restoration and Upgrade project. Here, Stephens shares credit with National Security Technologies' Susan Livenick, NSTec's project manager for the B3 upgrade.

U.S. Department of Energy
National Nuclear Security Administration
Nevada Site Office
P.O. Box 98518
Las Vegas, NV 89193-8518
Phone: 702-295-3521
[USA.gov: The U.S. government's official web portal](#)

[Disclaimer and Security Notice](#)
[Privacy Policy](#) | [Notice to Users](#)
Comments to the [webmaster](#)
www.nv.doe.gov





LIBRARY

U.S. Department of Energy
National Nuclear Security Administration

U.S. DOE/NNSA - Nevada Site Office

- Table of Contents
- Milestones
- News
- NTS Public Tours
- Factsheets
- Speakers Bureau
- Acronyms
- Mailing List
- Information Request
- Publishing Information
- Questions/Contact
- Masthead
- Archives

- FAQs/QUESTIONS
- SUBJECT INDEX
- SITEMAP
- SEARCH
- CONTACT US
- ABOUT US
- HELP
- ACRONYMS
- FOIA
- PRIVACY ACT
- WEBSITE POLICIES
- HOMEPAGE

[Home](#) > [Library](#) > [SiteLines](#)

DOE Set to Present NSTec with VPP STAR Award

Representatives from the U.S. Department of Energy (DOE) will be in Las Vegas on May 20 to present National Security Technologies (NSTec) with the DOE Voluntary Protection Plan (VPP) STAR Site certification.

NSTec, the managing and operational contractor for the Nevada Test Site (NTS), receives the STAR award after more than three years of planning and implementation, and following a two-week inspection by a DOE headquarters team. The DOE VPP program focuses on worker health and safety. Activities included safety and health program reviews, employee interviews, and walk-throughs of several NSTec work locations, including North Las Vegas, NTS, Remote Sensing Laboratory (RSL) and Livermore Operations, among others.

The DOE will formally present the Nevada Site Office several STAR certification flags at the ceremony. NSTec, in turn, will present flags to each of its offices.

NSTec has now achieved the four highest standards for management excellence: the VPP STAR status, the DOE's Earned Value Management System certification in Project Management, and the International Organization for Standardization (ISO) certifications in quality (ISO 9001) and environmental management systems (ISO 14001).

"This completes a grand slam for NSTec in receiving these certifications, and I believe we can safely say now that we are among the best contractors in the complex," NSTec President Steve Younger told his employees after the visiting DOE VPP team announced their recommendation. "I want to say how proud I am of everyone, and how hard they have worked to make this a safer place to work."

U.S. Department of Energy
National Nuclear Security Administration
Nevada Site Office
P.O. Box 98518
Las Vegas, NV 89193-8518
Phone: 702-295-3521
[USA.gov: The U.S. government's official web portal](#)

[Disclaimer and Security Notice](#)
[Privacy Policy](#) | [Notice to Users](#)

Comments to the [webmaster](#)
www.nv.doe.gov





LIBRARY

U.S. Department of Energy
National Nuclear Security Administration

U.S. DOE/NNSA - Nevada Site Office

- Table of Contents
- Milestones
- News
- NTS Public Tours
- Factsheets
- Speakers Bureau
- Acronyms
- Mailing List
- Information Request
- Publishing Information
- Questions/Contact
- Masthead
- Archives

[Home](#) > [Library](#) > [SiteLines](#) > Milestones

Milestones

National Security Technologies

45 years

Ronald Head

35 years

James Kei

30 years

Brenda Carter, Cirilo Gonzales, Martha De Marre, William Nicholas

25 years

Anselmo Garza, Barry Hale, Clarence Roberts, Joseph Dumas, Ronald Norton, Stella Pappas, Stephen Lutz, Vincent Wolfe, William Huth

20 years

Craig Brooksby, Julie Sorola, Patrick O'Brien, Rosmarie Frederickson, William Boggess, Esther Mamon, Loretta Primm, Michael Kelley, Richard Norton, Tracey Kirkland

15 years

Jeffrey Smith, Jo Ann Reese, Thomas Reh

10 years

- FAQs/QUESTIONS
- SUBJECT INDEX
- SITEMAP
- SEARCH
- CONTACT US
- ABOUT US
- HELP
- ACRONYMS
- FOIA
- PRIVACY ACT
- WEBSITE POLICIES
- HOME PAGE

Charles Wood, Dean Fore, Irene Garza, Carolyn Meixsell, Dane Morgan, Gerald Stevens, Michael Madlener

5 years

David Sams, Durward Cox, Francis Lemieux, Francisco Lucero, Howard Killian, James Hawkins, Keith Chase, Larry McGee, Lyle Warren, Martin Transue, Rodger Hale, Scott Hosey, Sean McLane, Shawn Harrington, Steven Brown, Tammy Wallace, Brian Ward, Christopher Bomasuto, Christopher Johnson, Darrin Anderson, David Archuleta, David Hudson, Gerry LaBouyer, Jennifer Rolls, Lars Caspersen, Lori Maurer, Misti Duplex, Nelly Velez, Randy Traugh, Robert Bahl, Robert Etnire, Shawn Cadwell, Travis Pond, Walter Matuszyk Jr.

U.S. Department of Energy
National Nuclear Security Administration
Nevada Site Office
P.O. Box 98518
Las Vegas, NV 89193-8518
Phone: 702-295-3521
[USA.gov: The U.S. government's official web portal](#)

[Disclaimer and Security Notice](#)
[Privacy Policy](#) | [Notice to Users](#)

Comments to the [webmaster](#)
www.nv.doe.gov





LIBRARY

U.S. Department of Energy
National Nuclear Security Administration

U.S. DOE/NNSA - Nevada Site Office

[Table of Contents](#)

[Milestones](#)

[News](#)

[NTS Public Tours](#)

[Factsheets](#)

[Speakers Bureau](#)

[Acronyms](#)

[Mailing List](#)

[Information Request](#)

[Publishing Information](#)

[Questions/Contact](#)

[Masthead](#)

[Archives](#)

[FAQs/QUESTIONS](#)

[SUBJECT INDEX](#)

[SITEMAP](#)

[SEARCH](#)

[CONTACT US](#)

[ABOUT US](#)

[HELP](#)

[ACRONYMS](#)

[FOIA](#)

[PRIVACY ACT](#)

[WEBSITE POLICIES](#)

[HOMEPAGE](#)

[Home](#) > [Library](#) > [SiteLines](#) > **News**

News

- [NSO Receives Recognition for DAF Roof Repairs](#)
- [Nevada Site Office Gearing Up for Major Radiological Exercise in N.Y.](#)
- [Mercury Highway Construction Set to Begin](#)
- [First Responders Have a Valuable Tool in SAVER](#)
- [NSTec, NSO Award Construction Contract for New NTS Fire Stations](#)
- [Local High School Heads to Washington for Second Consecutive Science](#)

[Bowl](#)

- [Swine Flu: What You Need to Know](#)
- [More B3 Building Accolades](#)
- [DOE Set to Present NSTec with VPP STAR Award](#)

U.S. Department of Energy
 National Nuclear Security Administration
 Nevada Site Office
 P.O. Box 98518
 Las Vegas, NV 89193-8518
 Phone: 702-295-3521
[USA.gov: The U.S. government's official web portal](#)

[Disclaimer and Security Notice](#)
[Privacy Policy](#) | [Notice to Users](#)

Comments to the [webmaster](#)
www.nv.doe.gov





LIBRARY

U.S. Department of Energy
National Nuclear Security Administration

- Table of Contents
- Milestones
- News
- NTS Public Tours
- Factsheets
- Speakers Bureau
- Acronyms
- Mailing List
- Information Request
- Publishing Information
- Questions/Contact
- Masthead
- Archives

- FAQs/QUESTIONS
- SUBJECT INDEX
- SITEMAP
- SEARCH
- CONTACT US
- ABOUT US
- HELP
- ACRONYMS
- FOIA
- PRIVACY ACT
- WEBSITE POLICIES
- HOME PAGE

[Home](#) > [Library](#) > [SiteLines](#) >

U.S. DOE/NNSA - Nevada Site Office

Acronyms

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
EM	Environmental 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
WSI-NV	Wackenhut Services Inc. - Nevada

U.S. Department of Energy
National Nuclear Security Administration
Nevada Site Office
P.O. Box 98518
Las Vegas, NV 89193-8518
Phone: 702-295-3521
USA.gov: The U.S. government's official web portal

[Disclaimer and Security Notice](#)
[Privacy Policy](#) | [Notice to Users](#)

Comments to the [webmaster](#)
www.nv.doe.gov





LIBRARY

U.S. Department of Energy
National Nuclear Security Administration

U.S. DOE/NNSA - Nevada Site Office

- Table of Contents
- Milestones
- News
- NTS Public Tours
- Factsheets
- Speakers Bureau
- Acronyms
- Mailing List
- Information Request
- Publishing Information
- Questions/Contact
- Masthead
- Archives

- FAQs/QUESTIONS
- SUBJECT INDEX
- SITEMAP
- SEARCH
- CONTACT US
- ABOUT US
- HELP
- ACRONYMS
- FOIA
- PRIVACY ACT
- WEBSITE POLICIES
- HOMEPAGE

[Home](#) > [Library](#) > [SiteLines](#) > Information

Mailing List

If you would like to be added to the SiteLines mailing list and receive electronic news regarding the Nevada Site Office activities, please e-mail us at PublicAffairs@nv.doe.gov.

Information Request/Questions

To submit questions or request information that pertains to articles published in SiteLines, e-mail your request to PublicAffairs@nv.doe.gov. Include your name, address, phone number, and information request.

Publishing Information

SiteLines is published by the U.S. Department of Energy National Nuclear Security Administration Nevada Site Office, P.O. Box 98521, M/S NSF119, Las Vegas, NV 89193-8521.

U.S. Department of Energy
National Nuclear Security Administration
Nevada Site Office
P.O. Box 98518
Las Vegas, NV 89193-8518
Phone: 702-295-3521
USA.gov: The U.S. government's official web portal

[Disclaimer and Security Notice](#)
[Privacy Policy](#) | [Notice to Users](#)

Comments to the [webmaster](mailto:webmaster@www.nv.doe.gov)
www.nv.doe.gov





LIBRARY

U.S. Department of Energy
National Nuclear Security Administration

U.S. DOE/NNSA - Nevada Site Office

- Table of Contents
- Milestones
- News
- NTS Public Tours
- Factsheets
- Speakers Bureau
- Acronyms
- Mailing List
- Information Request
- Publishing Information
- Questions/Contact
- Masthead
- Archives

- FAQs/QUESTIONS
- SUBJECT INDEX
- SITEMAP
- SEARCH
- CONTACT US
- ABOUT US
- HELP
- ACRONYMS
- FOIA
- PRIVACY ACT
- WEBSITE POLICIES
- HOME PAGE

[Home](#) > [Library](#) > [SiteLines](#) >
Masthead

Masthead

Published for all members of the NNSA/Nevada Site Office family
Stephen A. Mellington, Manager, NNSA/Nevada Site Office
Darwin Morgan, Office of Public Affairs
 Submit articles or ideas to NSTec Public Affairs at donaldjw@nv.doe.gov.

Publication Management:

NSTec Public Affairs

Layout and graphics:

Shelli Hadley
Team EES

Contributors:

Sabine Curtis
 Jeff Donaldson
 Lory Jones
 Dr. Jeff Moon
 Robert Platoni
 April Simpson
 Donald Van Etten
 Vicky Walter

U.S. Department of Energy
National Nuclear Security Administration
Nevada Site Office
P.O. Box 98518
Las Vegas, NV 89193-8518
Phone: 702-295-3521
USA.gov: The U.S. government's official web portal

[Disclaimer and Security Notice](#)
[Privacy Policy](#) | [Notice to Users](#)

Comments to the [webmaster](#)
www.nv.doe.gov

