

NYE COUNTY AGENDA INFORMATION FORM

Action
 Presentation
 Presentation & Action

Department: Public Petitioner		Agenda Date:	
Category: Timed Agenda Item – 10:15 a.m.		April 17, 2018	
Contact: Tracy Bower		Phone: 702-295-0961	Continued from meeting of:
Return to:	Location:	Phone:	
Action requested: (Include what, with whom, when, where, why, how much (\$) and terms) Presentation on the Nevada National Security Site (NNSS) mission and economic impact.			
Complete description of requested action: (Include, if applicable, background, impact, long-term commitment, existing county policy, future goals, obtained by competitive bid, accountability measures) Mark Martinez manages and operates the Nevada National Security Site (NNSS). Today, the NNSS is a key component in national security, helping to ensure the security of the United States and its allies by supporting the stewardship of the nuclear deterrent, providing emergency response capability and training, and contributing to key nonproliferation and arms control initiatives. Mr. Martinez will provide an overview of the current mission at the NNSS and the economic impact that it has in Nevada.			
Any information provided after the agenda is published or during the meeting of the Commissioners will require you to provide 20 copies: one for each Commissioner, one for the Clerk, one for the District Attorney, one for the Public and two for the County Manager. Contracts or documents requiring signature must be submitted with three original copies.			
Expenditure Impact by FY(s): (Provide detail on Financial Form)			
			<input checked="" type="checkbox"/> No financial impact

Routing & Approval (Sign & Date)

1. Dept	Date	6.	Date
2.	Date	7. HR	Date
3.	Date	8. Legal	Date <i>NA</i>
4.	Date	9. Finance	Date <i>NA</i>
5.	Date	10. County Manager	Date

Place on Agenda

ITEM # 8

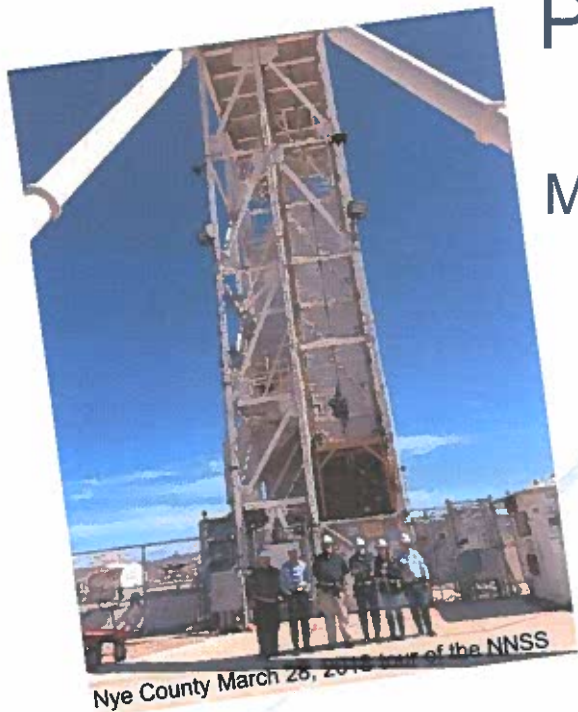
The Nevada National Security Site: A key component of the national security strategy

Presented to Nye County

Mark Martinez, President

Mission Support and Test Services

April 17, 2018



Organizational makeup



Remote locations enable better integration with national laboratories



A premier national security resource

- Located entirely in Nye County
- Remote, spacious, highly secure outdoor laboratory
 - Ideally suited to conduct unique experiments
- Unmatched capabilities
 - Work conducted at the NNSS cannot be done anywhere else in the nation
- Technical expertise to advance nuclear deterrence, global security and fundamental science and technological solutions
 - Ability to rapidly design, develop and implement technological support



The NNSS' history

- ▶ President Truman established the Nevada Proving Grounds in 1950. It later became the Nevada Test Site and was renamed the Nevada National Security Site in 2010.
- ▶ January 1951: First atmospheric nuclear test detonated at the NNSS
 - Tests continued until 1962
 - 100 atmospheric tests were conducted
- ▶ August 1963: Limited Test Ban Treaty – led to underground testing
- ▶ 1961-1992: 828 underground tests conducted
- ▶ 1992: The Comprehensive Test Ban Treaty was signed: no nuclear tests since



Current mission: Help ensure the security of the U.S. and its allies

- ▶ Supporting stockpile stewardship
- ▶ Supporting national security research
- ▶ Supporting national defense programs
- ▶ Providing emergency response capability and training
- ▶ Contributing to key nonproliferation and arms control initiatives
- ▶ Environmental management

Stockpile Stewardship



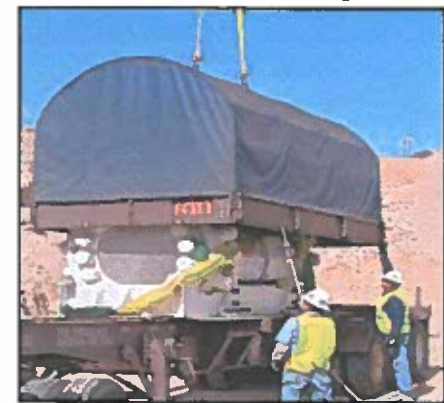
Cygnus radiographic machine at U1a

Global & Homeland Security



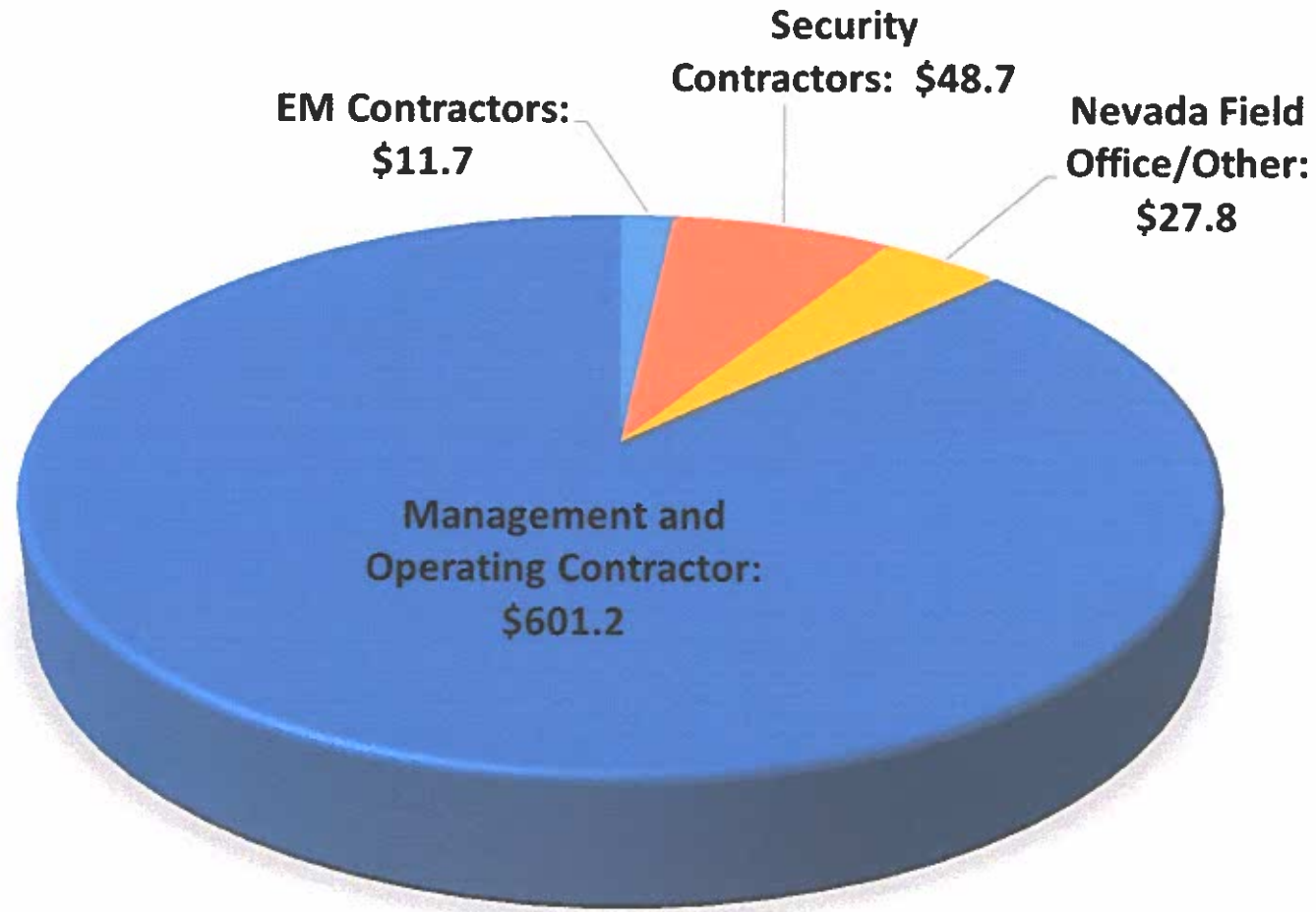
First Responder Training

Environmental Management



Stewardship of the NNSS Land

FY17 NNSS Funding (\$689.4 million): Creates jobs and taxes for Southern Nevada



Total = \$689.4 million

**Most of the funding stays in Nevada*

Nevada economic impact

- ▶ Largest high-tech employer in the region
- ▶ Nearly \$700 million in funding from *outside of the state*, spent mostly *within the state*
 - That funding supports nearly 3,000 jobs (contract and federal)
 - Nearly \$400 million in salaries and benefits paid (FY17)
 - \$7.1 million in taxes and fees paid (FY16)
 - More than \$30 million spent on procurement in Nevada (FY16)
- ▶ Infrastructure replacement value: more than \$3.5 billion
- ▶ Total direct, indirect and induced economic impact: more than \$1 billion annually



**Items pictured not necessarily purchased in Nevada.*

Nye County economic impact

► Direct benefit to Nye County

- 187 MSTs employees live in Nye County, producing \$16,200,630 in annual payroll
- FY17 Nye County taxes:
 - NNSs Property Taxes = \$1.5 million
 - NNSs Sales and Use Taxes = \$0.8 millionTotal: \$2.3 million



Emergency response funding for Nevada Counties



- ▶ More than \$2.5 million funded to Nye County from FY00 to FY16

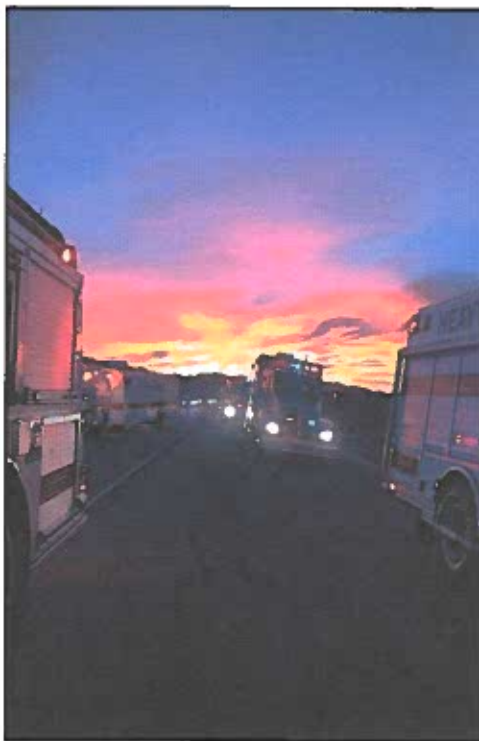
Desert Research Institute

- ▶ The Desert Research Institute is contracted for work at the Site.
 - The NNSC has a yearly contract, nearly \$4.7 million in FY17



Mutual aid agreement

- ▶ NNSS Fire & Rescue assists Nye County with incidents such as motor vehicle accidents, emergency medical services and more.
 - We average 65 mutual aid calls annually.
- ▶ The NNSS has two fire stations, which opened in 2010, replacing older facilities.
- ▶ Stations provide 24/7 coverage.
- ▶ Our staff includes three senior chief officers, one fire marshal, two fire inspectors, 39 firefighters, 21 paramedics and one office assistant.
- ▶ All paramedics and firefighters are hazardous materials (hazmat)-certified.



Nye County Sherriff's Office

- ▶ Nye County Sheriff's Office provides 24/7 law enforcement coverage at the NNSS.
 - The NNSS pays approximately \$25,000 per week, which covers the services of four officers and one dispatcher.
 - Officers provide law and traffic enforcement services.



Pictured: A few calls on which NNSS Fire & Rescue worked with Nye County Sherriff's Office.

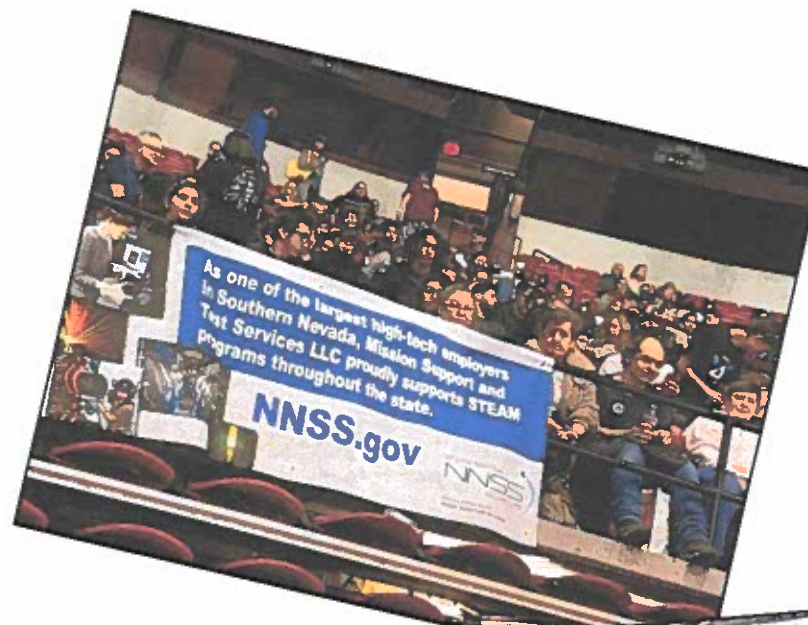
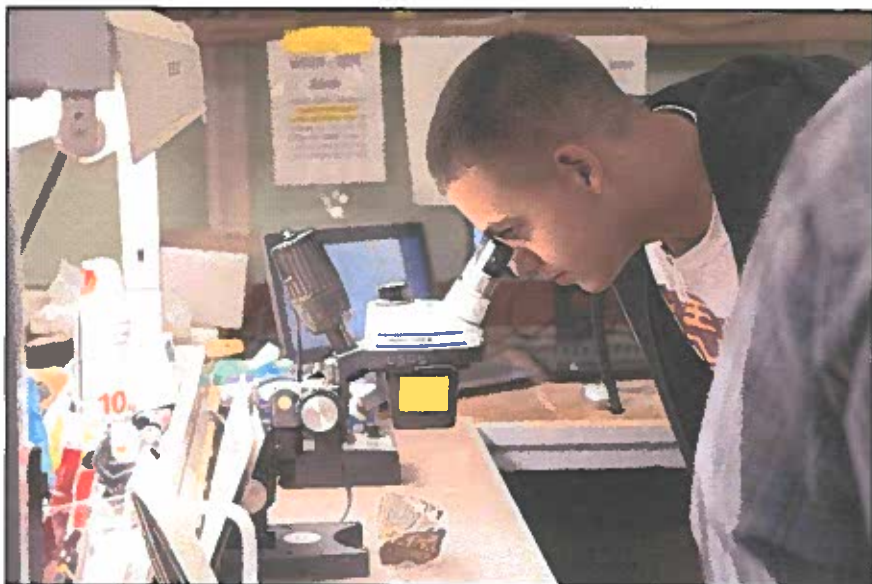
Powered by Valley Electric

- ▶ We have been a customer of Valley Electric Association for six years.
- ▶ NNSS' total power purchased for FY17: 86,819,174 kilowatts per hour for a total cost of \$5,077,729
 - Valley Electric accounted for the majority of that sum, at 75,306,005 kWh, for a total cost of \$5,030,520.



NNSS is committed to promoting STEM in Nevada

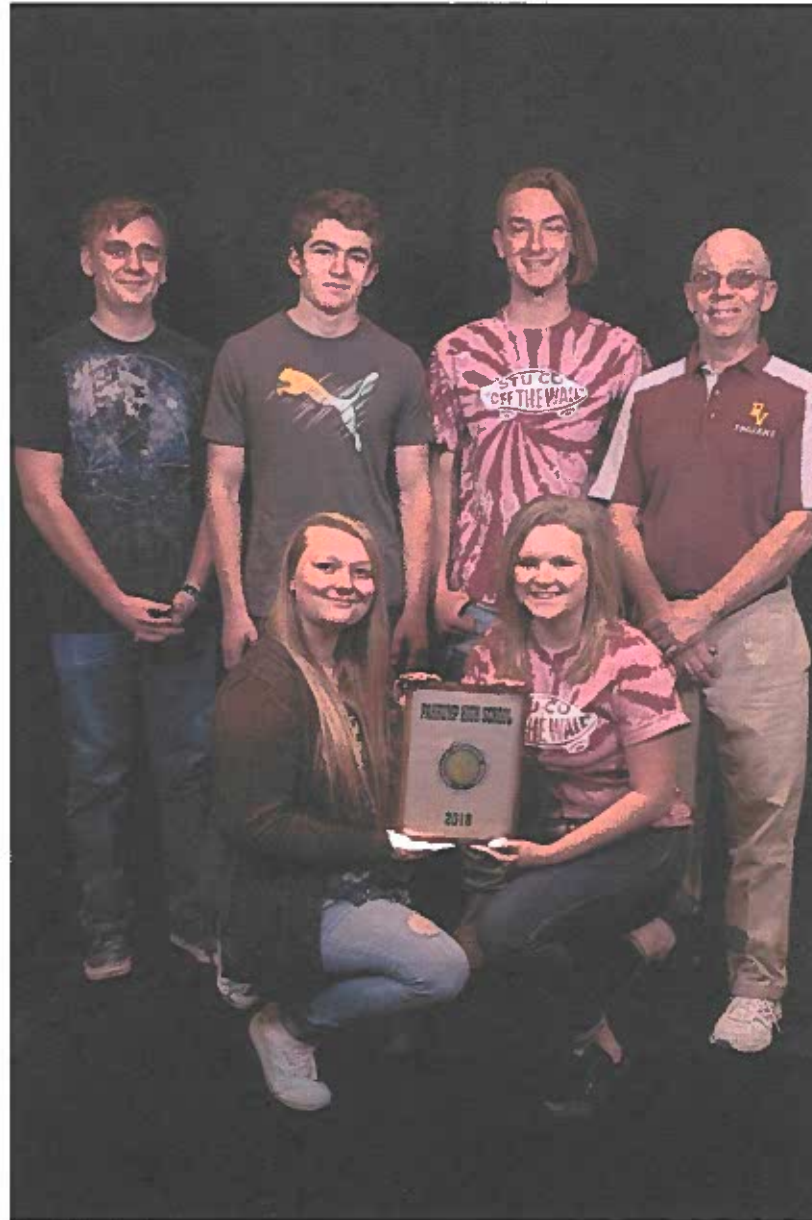
GEAR UP, FIRST Nevada



- ▶ Top: 47 students, teachers, and staff from Pahrump Valley High School GEAR UP experience a #STEM tour of the NNSS.
- ▶ Right: NNSS serves as a "Leader in Technology" sponsor for the FIRST Nevada regional competition.



Nevada Science Bowl



- ▶ NNSS hosts the 27th annual regional Nevada Science Bowl at Vegas PBS.

Questions?