

NEVADA NATIONAL
NINSS
SECURITY SITE

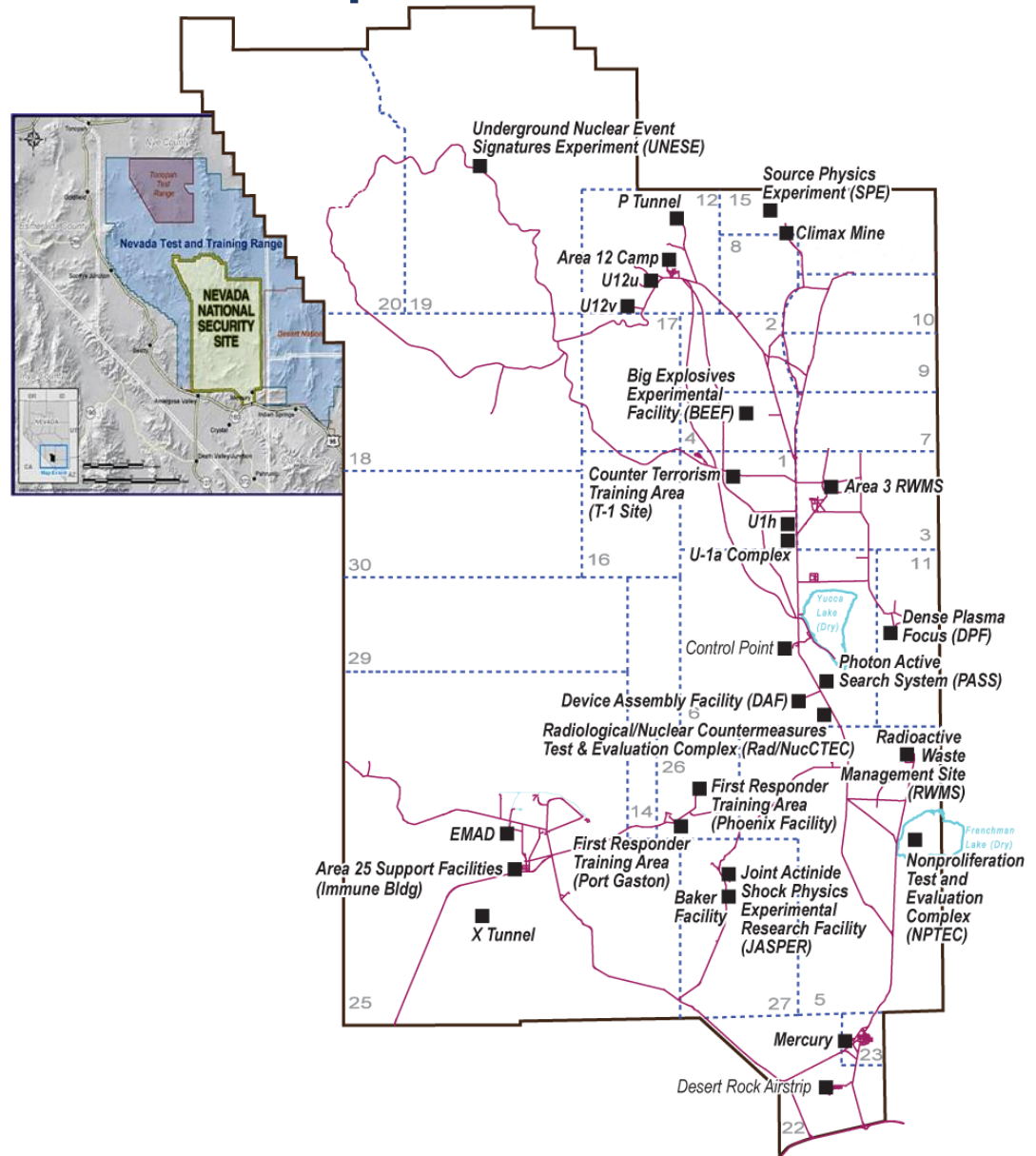


Overview



Nevada National Security Site – A Unique National Resource

- Ideal Location
 - Size
 - Remoteness
 - Free from encroachment
 - Safe and Secure
- Large: 1,360 square miles of federally owned land – Size of Rhode Island
- Surrounded by Nevada Test and Training Range
- Safe: Outstanding safety record
- Diverse: Support a wide range of national security missions



Missions of the NNSS

Stockpile Stewardship



Global Security



Environmental Management





National Nuclear Security Administration

Nevada Field Office



M&O Contractor for NNSS and satellite locations



Environmental Engineering



Security Protective Force



Administrative Support Services



Nevada Field Office

Customers



Intelligence Community



Department of Defense



Law Enforcement
Community



Department of
Homeland Security

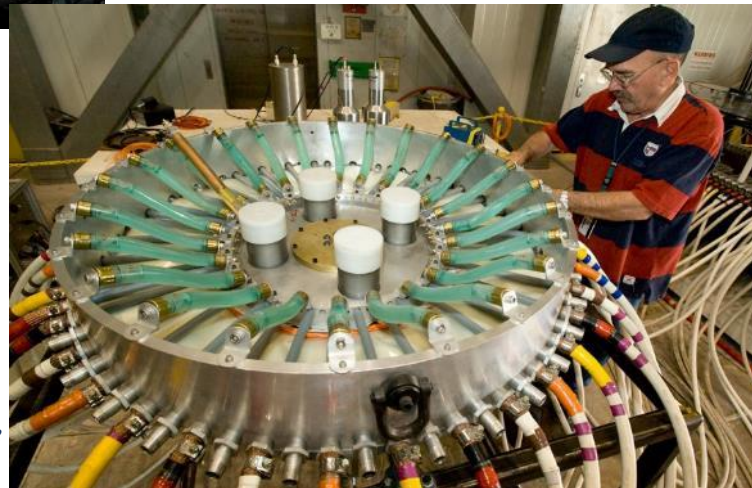
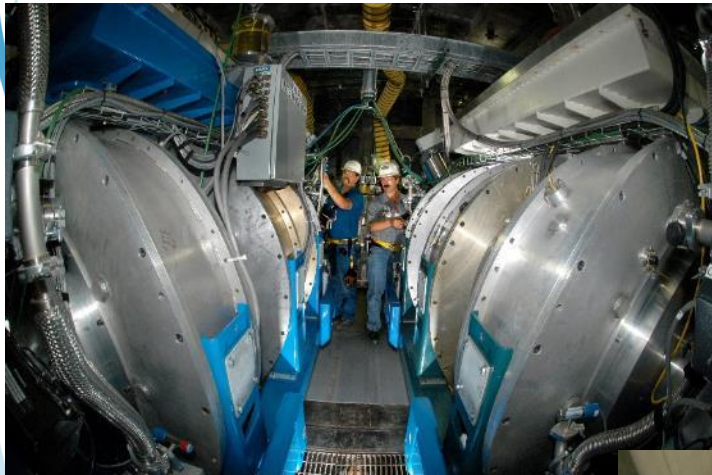


FEMA

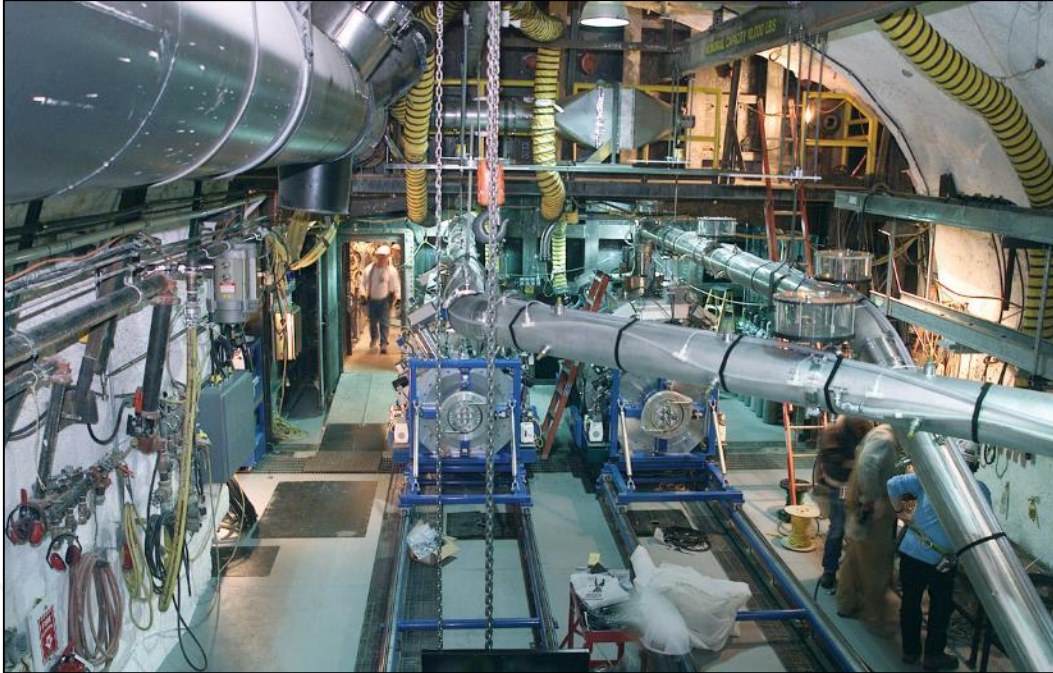


STOCKPILE STEWARDSHIP

- ▶ Maintaining a safe, secure, and reliable nuclear weapons stockpile through an experimental program at the Nevada National Security Site



We ensure the safety, security & effectiveness of the nation's nuclear weapons stockpile at U1a



05 Drift in U1a



Next-Gen Optical Probes

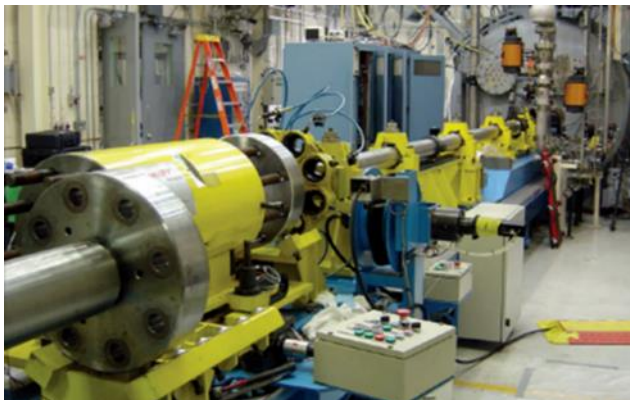


State of the Art Diagnostics

CYGNUS



We advance the understanding of materials properties with Joint Actinide Shock Physics Experimental Research facility



JASPER Gas Gun

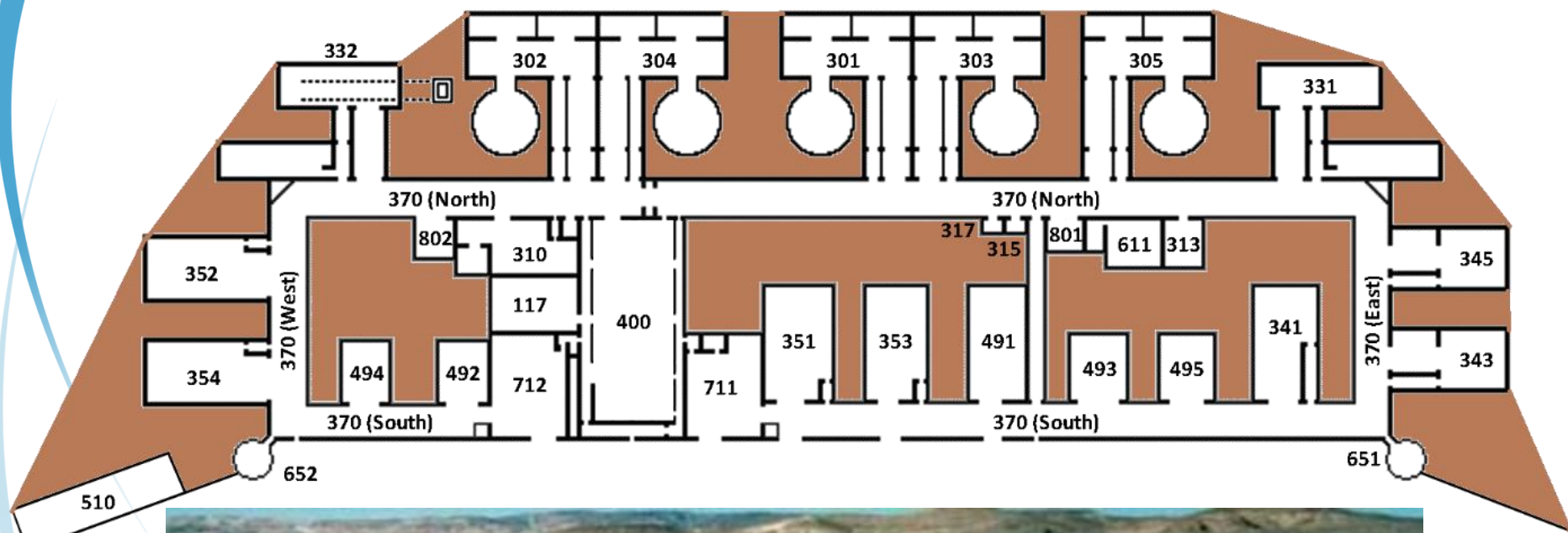


Breach



**Secondary and Primary
Containment Chamber**

Device Assembly Facility



The Device Assembly Facility (DAF) is a national asset well suited to address new national challenges



Training



Radiography Building

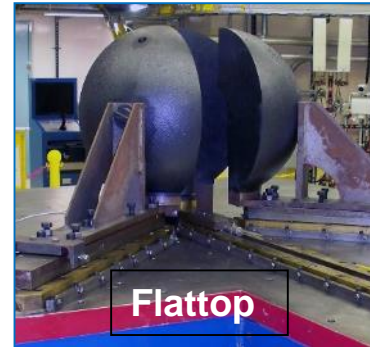


Downdraft Table



JASPER Glovebox

The National Criticality Experiments Research Center (NCERC), in DAF, provides subcritical and critical experimental capabilities



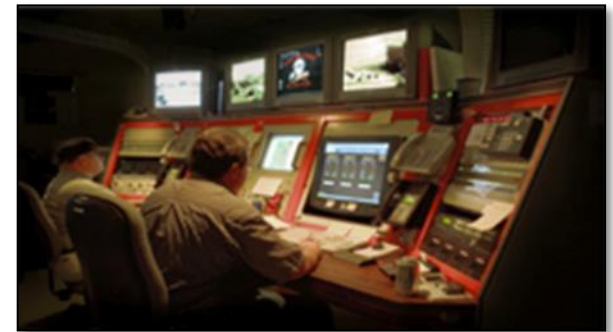
We conduct non-nuclear experiments on high explosives at the Big Explosives Experimentation Facility (BEEF)



We conduct experiments aimed at improving arms control and nonproliferation treaty verification



Non-Proliferation Test and Evaluation Complex (NPTEC) allows the study of large quantities of chemicals – safely and without damaging the environment



Deployable national assets with the mission of detecting and locating nuclear and radiological sources



First responder training for radiological and nuclear emergencies



T-1 Test
in 1955



NNSS Infrastructure Modernization

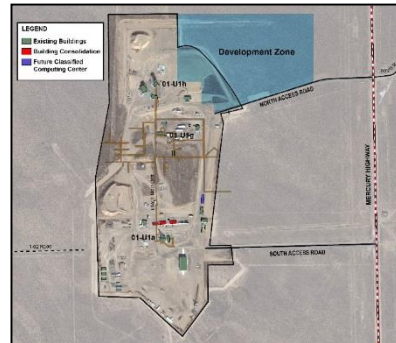


FINAL DRAFT
MERCURY AREA PLAN

MISSION SUPPORT BEST SERVICES
NEVADA NATIONAL SECURITY SITE

July 9, 2018

Site Massing
Model
7/27



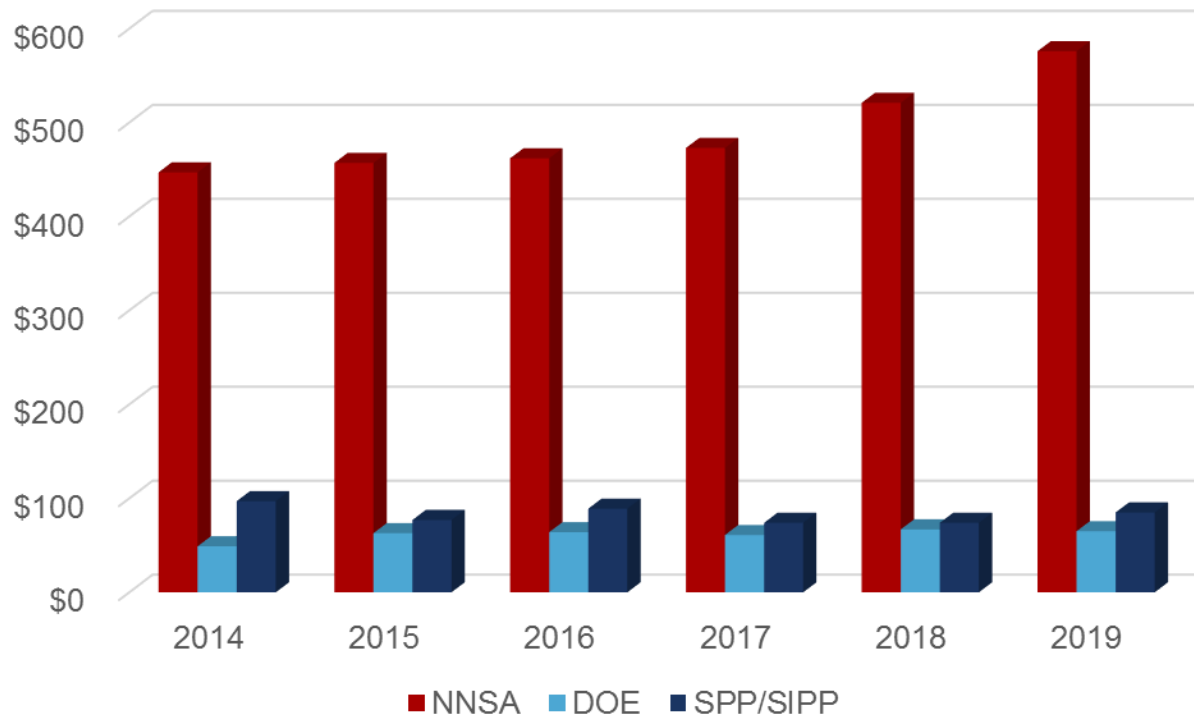
**U1a Surface
Area Planning -
Initiated**



NNSS is committed to promoting STEAM in Nevada



NNSS Funding (\$M)



Questions