



Sub-Area Plan Overview & Summary



SNL/NM Technical Area V

A Component of Sandia National Laboratories'
Long-Range Development Framework

Developed: 2015
(In Progress)





SNL/NM TA-V facilities.

Key Features of the SNL/NM TA-V Sub-Area Plan

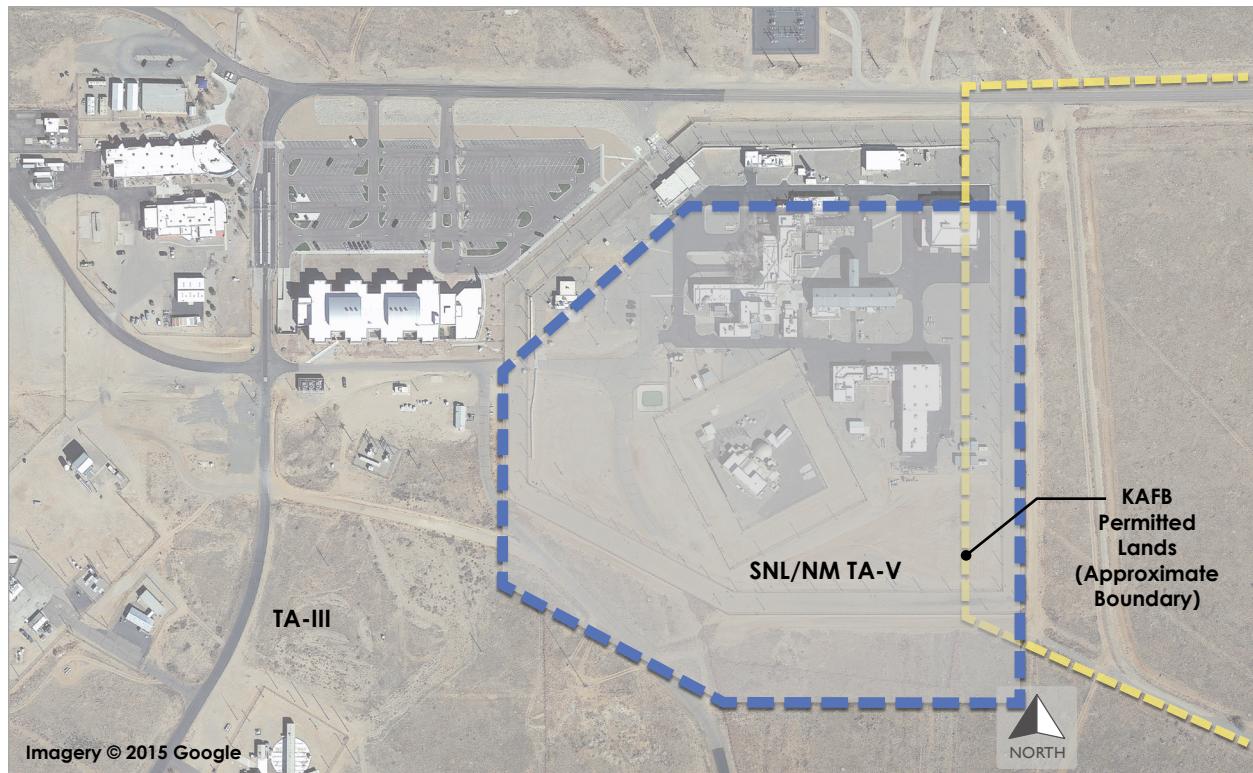
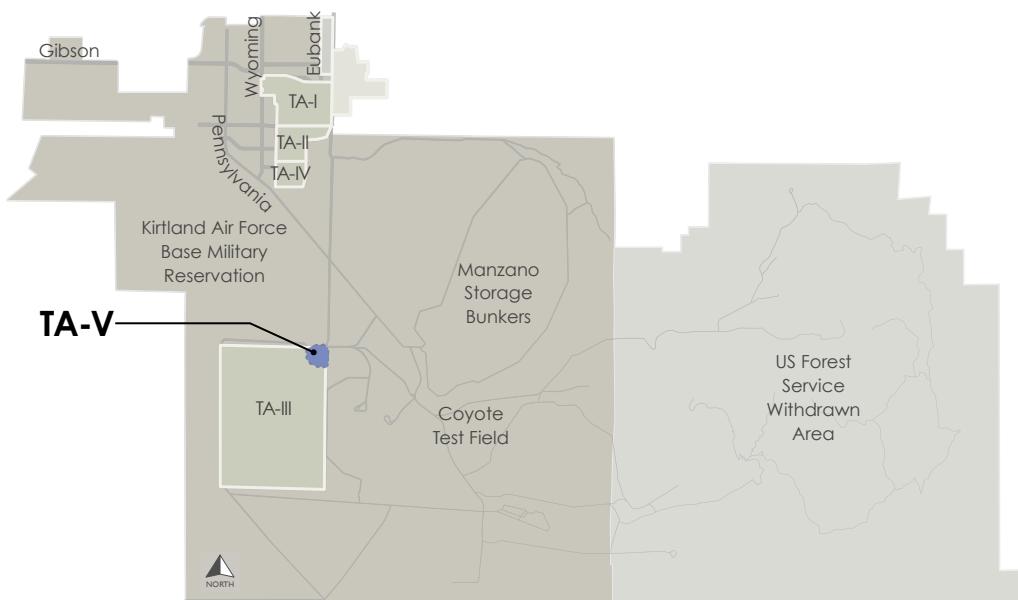
The TA-V Sub-Area Plan is currently under development. A major input into the plan will be the results of a strategic planning study to be conducted in FY 2016 that will investigate the long-term programmatic future for TA-V. Anticipated planning issues to be explored include:

- Nature of future programs and facility needs
- Recapitalization needed to sustain key facilities and resources
- Validation of existing land use as a remote nuclear research and radiation testing site
- Physical security requirements including the need to sustain or reconfigure the existing Perimeter Intrusion Detection and Assessment System (PIDAS)
- Environmental remediation and restoration strategy
- Site design improvements needed to enhance the quality of the working environment



📍 Location

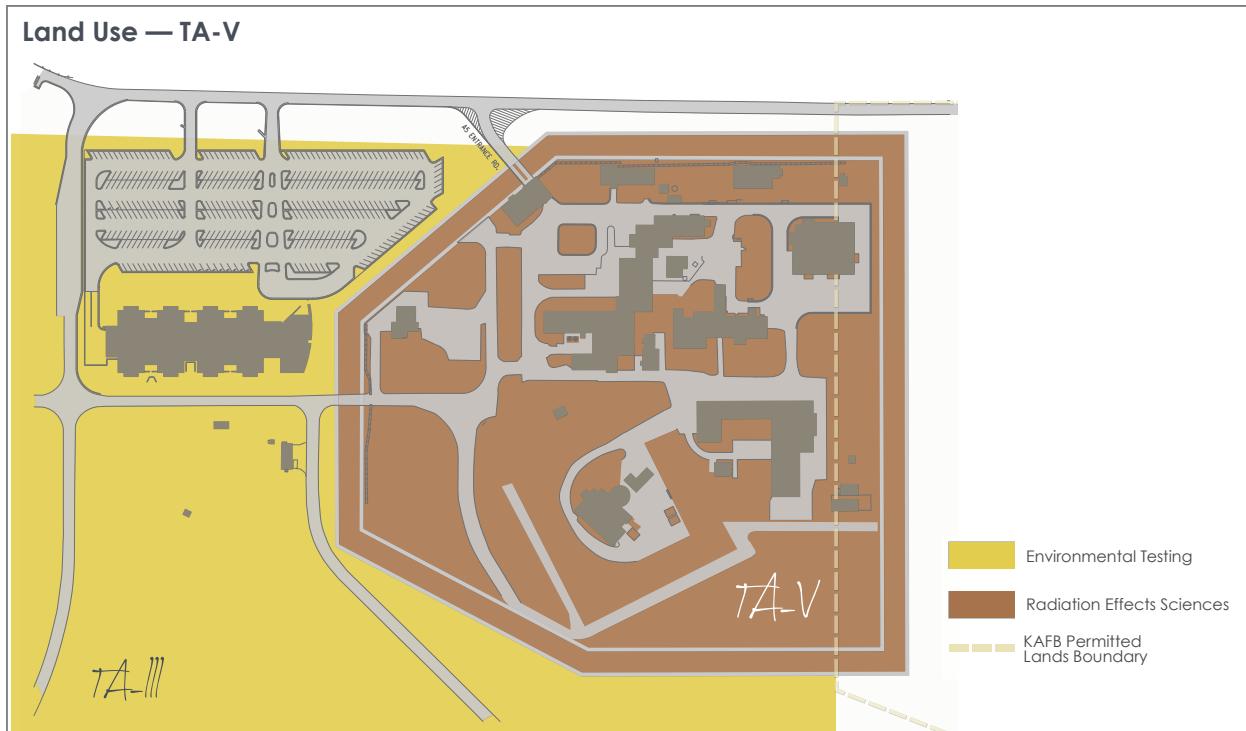
- Technical Area V is a remote, secure radiation testing site located at the northeast corner of TA-III
- A portion of the eastern edge of TA-V is permitted from the U.S. Air Force



Future Land Use

The TA-V Sub-Area Plan is currently under development.

- Current land use is as a remote nuclear research and radiation effects testing site
- SNL will initiate a strategic planning study in 2016 that will inform future land-use decisions



Site Organization

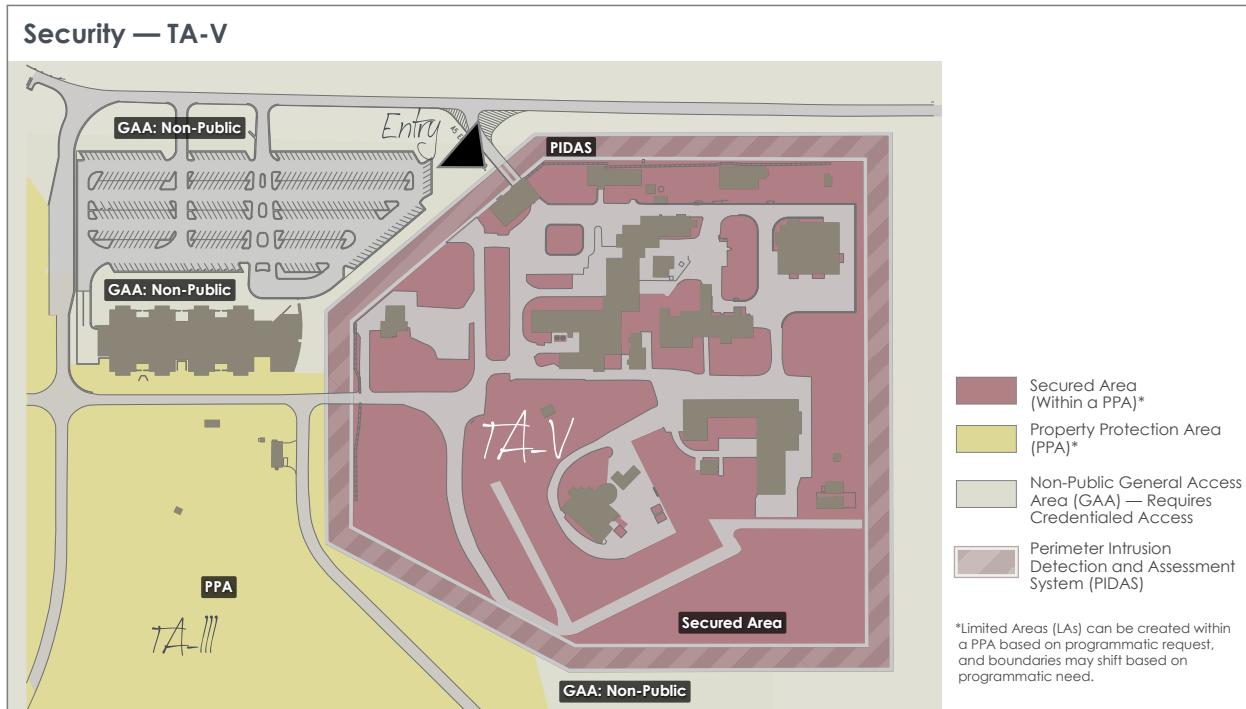
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Access, Circulation, and Parking

- Kirtland Air Force Base owns and controls access roads to TA-V, TA-III, and the remote sites
- SNL owns and controls roads in TA-III
- KAFB controlled roads may have access issues due to the capacity or condition of the roads, KAFB-initiated road closures, or seasonal flooding

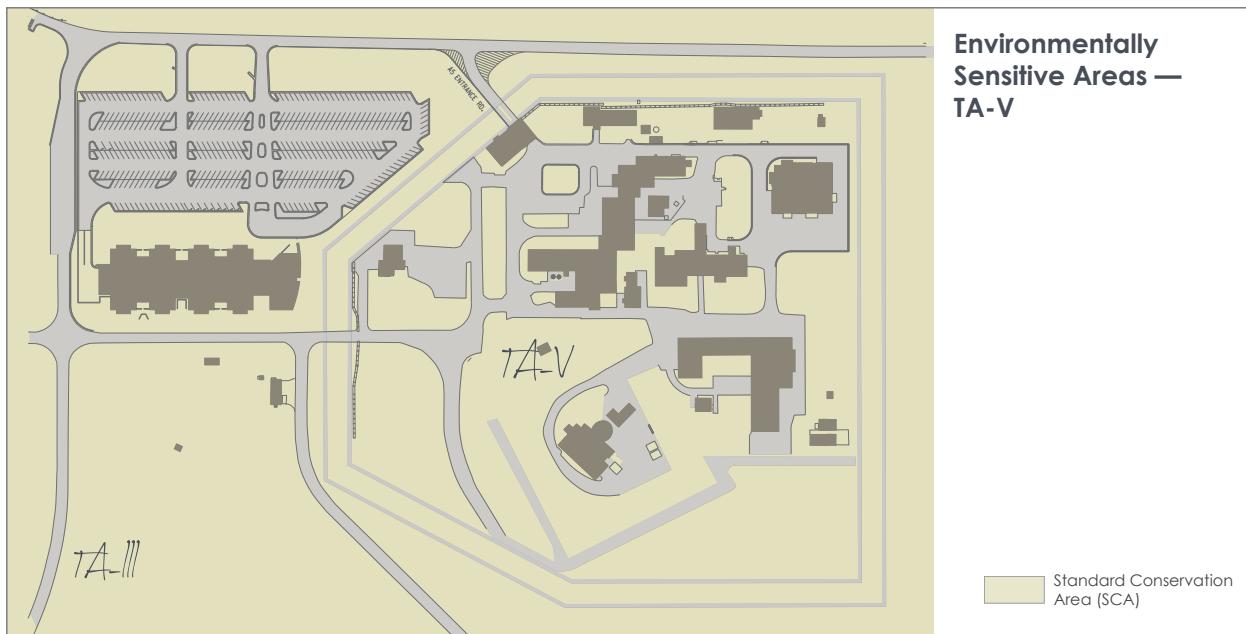
🔒 Security

- TA-V is a secured area — a Limited Area (LA) within a Property Protection Area (PPA)
- The existing PIDAS is inactive since SNL no longer conducts tests on Special Nuclear Materials categorized as CAT I/II
- A strategic planning study soon to be initiated will inform the need to sustain or reconfigure the existing inactive PIDAS



Environmentally Sensitive Areas

- The Operational Area Environmental Evaluation (OAAE) identifies the environmental sensitivity of an area to help inform management decisions about where development may be prohibited, restricted, or subject to additional requirements to comply with federal and state laws and regulations
- The OAAE identifies conservation areas, which are tracts of land that it recommends be given protected status to ensure the safeguarding of natural features, cultural heritage, or biota
- The OAAE identifies:
 - The entire TA-V area as a Standard Conservation Area (SCA)
 - A number of environmental permits that may affect development
- The OAAE advises to consult subject area experts prior to development activities that may affect sensitive areas



Currently Contemplated Investments

The TA-V Sub-Area Plan is currently being developed. SNL will initiate a strategic planning study that will examine and validate the contemplated investments listed below, and will help to identify any additional potential investments:

- Annular Core Research Reactor Facility
- Demolition of Building 6580

Key Source Documents for this Sub-Area Plan

- [SNL Long-Range Development Framework, 2010, 2015](#)
- [Operational Area Environmental Evaluations \(OAAE\), September 2011](#)

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