

Project Experience

Nuclear Materials Safeguards and Security Upgrades Project – Phase II **University of California, Los Alamos National Laboratory, Los Alamos, NM**

When the Nuclear Materials Safeguards and Security Upgrades Project (NMSSUP) team was ready to begin work on Phase II of the project, they again called on Timberline Engineering for project development expertise. Our experience in successfully programming a Laboratory-wide security system infrastructure project, NMSSUP, provided the background and experience to ensure the success of the pre-conceptual stage of the project development.

NMSSUP Phase II is a \$160M upgrade of the perimeter intrusion detection and assessment system (PIDAS) and interior intrusion detection, assessment, and access control system infrastructure currently in use to protect high-consequence-of-loss assets at Technical Area 55 – Plutonium Facility.

Timberline developed the Mission Need Statement, Conceptual Design Plan, and Program Requirements Document, necessary to begin project development. Timberline also developed the Architect-Engineer (A/E) Statement of Work for development of the Conceptual Design Report and preliminary and final design for the project. In addition, Timberline assisted the Laboratory in developing the schedule for A/E services associated with the conceptual, preliminary, and final design.



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