

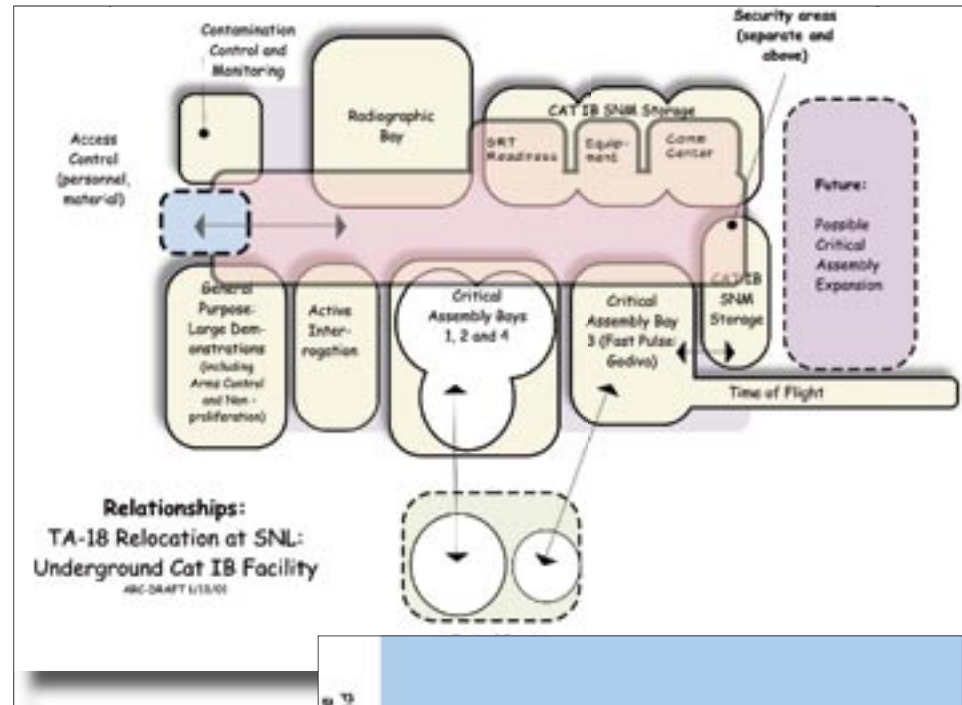
Preconceptual Plan for Housing LANL TA-18 Functions at Sandia TA-V Sandia National Laboratories, Albuquerque, New Mexico

ARC assisted Sandia to prepare a concept to relocate functions from LANL's TA-18 to TA-V at Sandia. The project consisted of interpreting the Functional and Operating Requirements (F&ORs) prepared by LANL and developing a plan and associated cost to relocate these functions to Sandia. The concept included a new underground structure for functions that involve significant use of Category Ib Special Nuclear Materials and using existing TA-V facilities to accommodate the remaining activities.

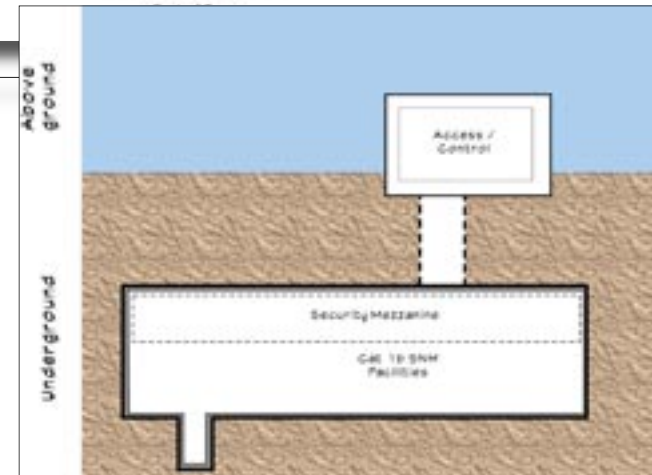
TA-V is the only site at Sandia with required physical security measures (including a Perimeter Intrusion Detection and Assessment System (PIDAS)) and protective security forces in place to handle Category Ib SNM. The rough order of magnitude cost estimate to implement the concept is \$77.1 – 96.9 million total project costs (\$70 – 88 million TEC) not including special equipment costs. Project Close-out (C-4) is assumed to be March 2007.

Project Schedule: 12/2000 - 2/2001

Client: Sandia National Laboratories



A relationship diagram of required TA-18 functions (above)



Conceptual building section (right)