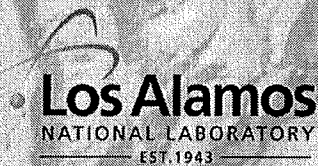
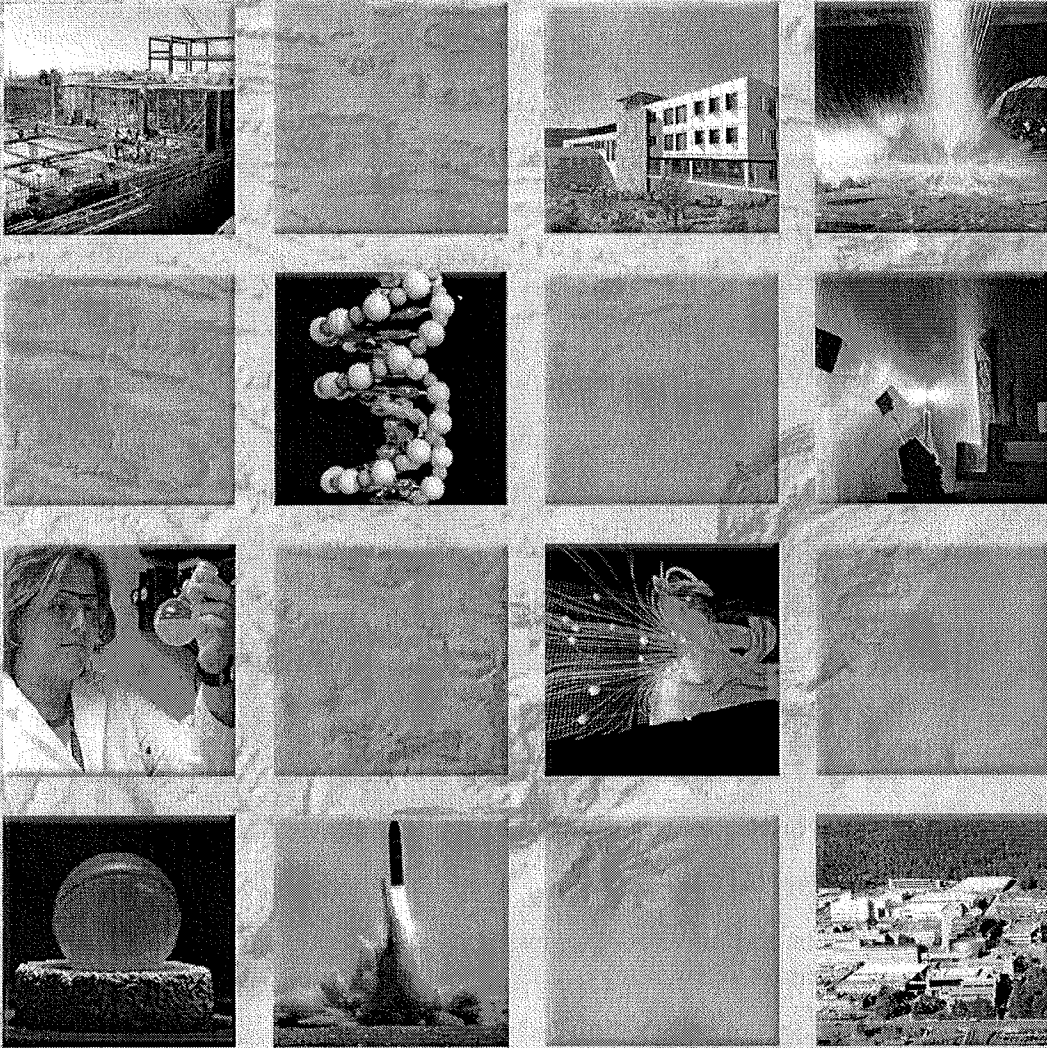


Ten-Year Site Plan FY09 - FY18

LOS ALAMOS NATIONAL LABORATORY



Both of these projects are identified within FYNSP. However, it is recognized that the duration required to get these facilities constructed and approved may be longer than originally anticipated. Studies are underway to determine if investments are needed in the existing facilities to maintain operations in a safe and compliant manner until the new facilities become operational.

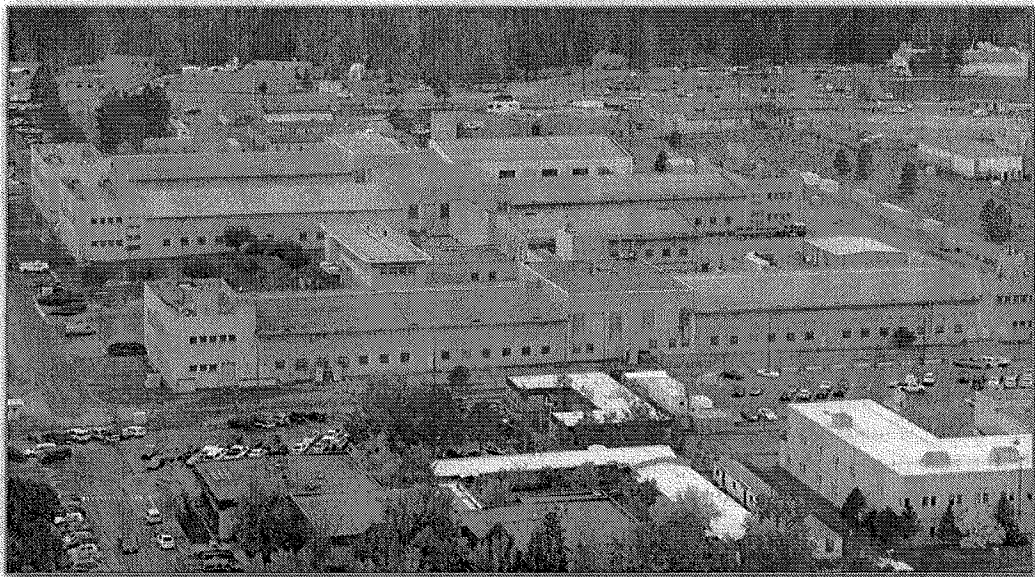
Chemistry and Metallurgy Research

Facility: The existing CMR facility serves as the primary facility for a broad spectrum of actinide, metallurgical, and other material testing systems of radiological components for Security Category III material levels. The CMR building houses significant nuclear material capabilities in support of programs at TA-55, including analytical chemistry, metallography, and R&D for science-based stockpile stewardship and surveillance programs.

The CMR facility currently operates on a “run-to-replacement” philosophy due to funding constraints and in anticipation of CMRR project completion. The CMR will maintain normal operations and sustain

capabilities needed for ongoing missions until the CMRR Facility becomes operational. This will require an update to the current Authorization Basis (AB) which will expire in 2010. A new Documented Safety Analysis (DSA) is expected to be approved by NNSA prior to the December 2010 expiration. Significant investments involving upgrades to the CMR facility’s cooling and ventilation systems are underway to keep the CMR operational and compliant. The Laboratory has also initiated a major risk reduction effort in wings 2, 3 and 4 that involves relocating process activities and wing closures to reduce the operating hazards and will lead to a continuation of an operating environment that can be sustained until the new CMRR is completed.

The CMRR will provide new facilities at TA-55 to house existing CMR capabilities and consolidate Security Category I/II laboratory work in a single area to minimize the transfer of nuclear material within the complex. The CMRR facilities consist of three buildings—a laboratory/office building, a utility building (RLUOB), and a Security Category I/II,



The existing CMR, which houses significant nuclear materials capabilities, will require continued investments in the facility’s maintenance to sustain capabilities needed for ongoing missions until the CMRR is certified operational.