

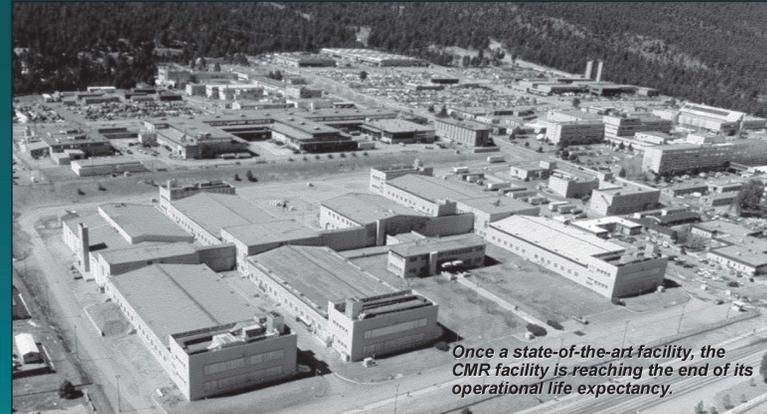
Chemistry and Metallurgy Research Replacement (CMRR)

The Chemistry and Metallurgy Research (CMR) facility is one of the oldest and largest buildings at LANL

- Opened in 1952
- 550,000 square feet

The CMR facility houses analytical chemistry and material characterization (AC/MC) capabilities that support core LANL programs

- Nuclear Materials Handling, Processing, and Fabrication
- Stockpile Management
- Materials and Manufacturing Technologies
- Nonproliferation Programs
- Waste Management Activities



Once a state-of-the-art facility, the CMR facility is reaching the end of its operational life expectancy.

Initially the CMR facility consisted of an administrative wing and six laboratory wings with labs designed for actinide materials science and analytical chemistry, and unique capabilities for working with actinide metals. In 1959 a seventh laboratory wing was added with heavily shielded hot cell facilities with remote-handling capabilities.



LANL Mission Area: Stockpile Stewardship

Reducing the nuclear danger by ensuring that the Nation's existing nuclear weapons stockpile is safe, secure, and reliable

LANL's nuclear mission will continue for the foreseeable future



The primary goal of CMRR is to ensure continuation of mission-critical capabilities currently located at CMR that will soon be lost

Replacing the existing CMR facility will

- Reduce operating and security costs
- Improve recruitment by providing state-of-the-art infrastructure and workspace
- Ensure compliance with current environmental, safety and health requirements

CMRR will provide the responsive infrastructure necessary to sustain nuclear programs at LANL and support the Nation's nuclear weapons complex