Chemistry and Metallurgy Research Replacement (CMRR)

Excellence in National Security

A safer, more efficient 21st century at LANL

The National Nuclear Security Administration is committed to carrying out our national security missions in a safe, secure and environmentally responsible manner. The Chemistry and Metallurgy Research Replacement project is an important part of our effort to invest in the future, build a 21st century nuclear security enterprise, implement the President's nuclear security agenda, and improve the way NNSA does business.

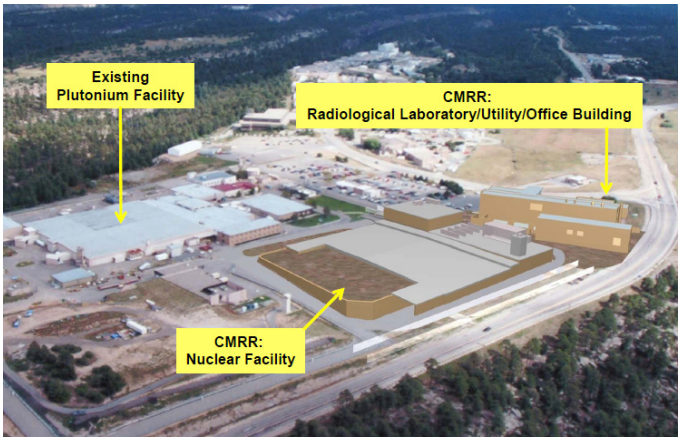
The mission-critical capabilities provided by CMRR will support the full range of nuclear security missions, including

- stockpile stewardship
- stopping the spread of nuclear weapons (non-proliferation), and
- counter-terrorism.

An Environmental Impact Statement was completed in 2003, LANL adopted an updated site-wide seismic analysis standard in 2007 and we are now issuing the Draft Supplemental Environmental Impact Statement for public comment as part of efforts to ensure that we are fulfilling our commitment to the community we call home.

A unique national resource

The primary capability of CMRR is analytical chemistry and materials characterization of a variety of actinide series elements including plutonium and uranium, but also including americium and the others.



Artist's conception of the two new facilities in the CMRR project.

The facility includes a vault for safe, secure long-term materials storage. CMRR will replace the current CMR, completed in 1952.

The first building in the new project, a radiological lab and office building, is complete and is set to begin operation in 2013. Design for the second building is under way.

An essential national security capability

The ability to quickly analyze and characterize these special materials — to know where they were made, their purity, and their chemical and mechanical properties — underpins a variety of Lab program needs, from stockpile stewardship and weapons surveillance in the Nuclear Weapons Program to non-proliferation, counter-terrorism, treaty verification, and power sources for spaceflight in the Global Security Program.

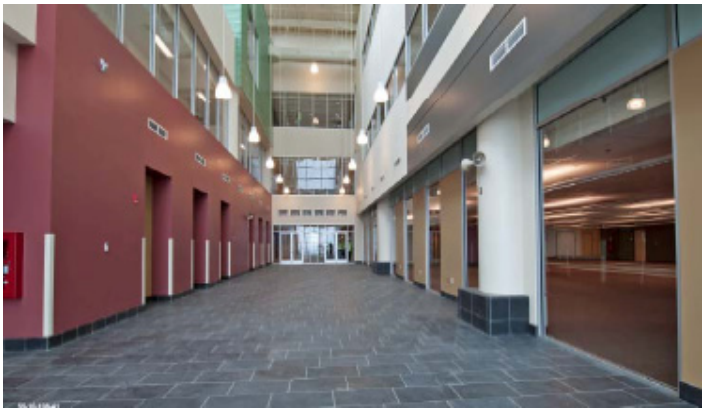
Not a pit manufacturing facility

The two buildings that comprise the CMRR project will contain equipment that support the science that enables portions of the Lab's stockpile manufacturing mission and other programmatic work, but the actual manufacturing work takes place nearby at Plutonium Facility 4, not at CMRR-Nuclear Facility.

Economic, safety, and environmental impacts

As the SEIS describes, the CMRR project will drive significant economic impacts through hundreds of construction jobs and the purchase of goods and services.

CMRR will be designed and built to today's safety standards and will be built to LEED specifications, which require energy efficiency and a smaller environmental footprint during construction and operations.



The Radiological Laboratory Utility Office Building will house 350 people. After equipment installation and commissioning, it will start operations in 2013.

How to review the draft SEIS and submit a comment

The Draft CMRR–NF SEIS and its reference material are available for review on the NNSA Web site at: *http://nnsa.energy.gov/nepa/cmrrseis* Copies of the Draft CMRR–NF SEIS are also available for review at:

- **The Los Alamos National Laboratory, Oppenheimer Study Center, Building TA3–207, West Jemez Road, Los Alamos, New Mexico**
- **The Office of the Northern New Mexico Citizens Advisory Board, 1660 Old Pecos Trail, Suite B, Santa Fe, New Mexico**
- **The Zimmerman Library, University of New Mexico, Albuquerque, New Mexico.**

Comments concerning the Draft CMRR-NF SEIS can be submitted to the NNSA Los Alamos Site Office through the CMRR–NF SEIS Hotline at (toll free) 1-877–427–9439; or by writing to:

- **U.S. Department of Energy, National Nuclear Security Administration, Los Alamos Site Office, 3747 West Jemez Road, TA–3 Building 1410, Los Alamos, New Mexico 87544, Attn: Mr. John Tegtmeier, CMRR–NF SEIS Document Manager.**
- **Comments may be mailed, faxed to (505) 667–5948); or e-mailed to NEPALASO@doeal.gov. Please mark all envelopes, faxes and e-mail: "Draft CMRR–NF SEIS Comments."**

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