

Project Engineering and Design funding provided in FY 2003 (\$10,000,000) and FY 2004 (\$4,500,000) will be used for preliminary design activities for both the Light Laboratory/Office Building and Nuclear Laboratory(s) elements of the project. FY 2004 construction funding requested in this line item will be used for initiation of design and construction for the light laboratory/office building component of CMRR and initiation of design activities for nuclear laboratory(s).

Scope

The scope for this project was developed through joint LANL/NNSA Integrated Nuclear Planning (INP) activities and workshops. The major CMRR scope elements resulting from INP activities are:

- # Relocate existing CMR analytical chemistry and material characterization (AC/MC) capabilities at LANL.
- # Special nuclear material storage for CMR AC/MC working inventory and overflow capacity for PF-4.

In addition to these two major elements, the following elements will be evaluated during conceptual design through the completion of option studies:

- # Contingency space to accommodate future mission requirements.
- # Large vessel containment and processing capabilities.
- # Non-LANL user space requirements.
- # Consolidation of LANL PF-4 AC/MC capabilities.

Net space requirements for the above listed scope elements within CMRR were developed through a LANL/NNSA INP workshop conducted in July 2001. The following space requirements were identified:

- # 60,000 gross square feet of Hazard Category II space for AC/MC, large vessel containment and processing, material storage, and contingency space.
- # 60,000 gross square feet of Hazard Category III/IV space for AC/MC and contingency space.
- # 90,000 gross square feet for a light laboratory/office building.

Project Milestones

Light Lab/Office Building (design-build)

FY 2004	Initiate Design	1Q
FY 2004	Initiate Construction	2Q

Nuclear Laboratory(s)

FY 2004	Complete Conceptual Design	4Q
FY 2005	Complete Title I – Preliminary Design	1Q
FY 2006	Complete Title II – Final Design	3Q
FY 2011	Complete Title III – Construction	1Q
FY 2012	Complete Transition/Closeout	1Q