

# CALCINER PROJECT



The Calciner Project (CALP) is key to phasing out mission dependency on Building 9212. It provides Y-12 with a calcination process capable of converting low-enrichment uranium solutions into a solid form for safe storage.

Installation of CALP technology will allow for the continuation of work as aging facilities are replaced with modernized processes. The CALP will also support the Y-12 Material Recycle and Reuse Program, contribute to increased worker safety, improve mission production capacity, and reduce programmatic costs.

The CALP is identified by the National Nuclear Security Administration (NNSA) as one of the major items of equipment needed to ensure the long-term viability, safety, and security of enriched uranium capabilities in the United States.

Planning and installation of the CALP began in 2014 and is on going.

Y-12 has three primary national security missions that protect the U.S. and its allies around the world: maintaining the U.S. nuclear deterrent, reducing global nuclear threats, and fueling the U.S. nuclear Navy. Currently, key operations that support these missions are conducted in buildings that originated in the 1940s and are costly to operate and maintain.

Y-12 is one of six production facilities in the NNSA Nuclear Security Enterprise. Its unique emphasis is the processing and storage of uranium and development of technologies associated with those activities. Decades of precision machining experience make Y-12 a production facility with capabilities unequalled nationwide.

## MORE INFORMATION

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