

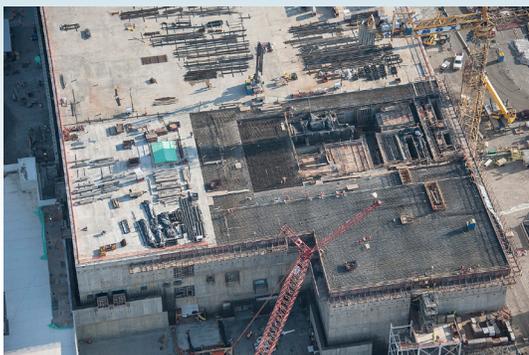
MOX Project Progress

The Mixed Oxide (MOX) facility is currently being constructed for the U.S. National Nuclear Security Administration (NNSA). It is currently approximately 70 percent complete with a strong nuclear safety and quality record. When finished, it will convert surplus nuclear weapon-grade plutonium into reactor fuel for use in commercial nuclear power plants, supporting the government's nonproliferation program to eliminate surplus weapons-grade plutonium in the U.S. Under a 2000 agreement, the United States and Russia are required to dispose of at least 68 metric tons of surplus plutonium, enough for approximately 17,000 nuclear weapons. Over the past several years, despite lower levels of funding, MOX construction continues to progress.

Project Accomplishments

2013 - at 56%

TEC/MOX Construction Funded At \$401 Million



2016 - at 70%

TEC/MOX Construction Funded At \$326 Million



Major components as of March 2013

- 79 percent of concrete and 61 percent of rebar installed
- 325 glove boxes on contract
 - 111 onsite; 3 of 325 installed
- 13 of 28 long lead glove boxes tested
- 66 of 73 tanks installed
- 5 of 31 Active Gallery modules installed

Major components as of January 2016

- 93 percent of concrete and 96 percent of rebar installed
- 325 glove boxes on contract
 - 183 onsite; 123 of 325 installed
- 27 of 28 long lead glove boxes tested
- 72 of 73 tanks installed
- 22 of 31 Active Gallery modules installed

Finish The Job

- Approximately \$5 billion has been spent to date on construction of the main MOX facility, with approximately \$3 billion to finish the job.
- Most procurements have been completed, leaving labor costs as the primary expenses as the MOX facility gets closer to completion.
- MOX facility completion is based on a U.S. government-certified Earned Value Management System process, and is approximately 70 percent physically complete.
- The rate of rework during MOX construction is less than one percent, an industry low.
- Risk has been removed by all components being assembled and tested in a separate facility, before being installed in the MOX building.
- When complete, the MOX facility will help fulfill the U.S. government's commitment under the plutonium agreement with Russia.

% Complete

