

Site Readiness Subproject



Site Readiness was the first of seven Uranium Processing Facility (UPF) subprojects. It was completed under budget and on time in February 2015, for a total cost of \$43.3M.

To ensure the best use of taxpayer dollars, an integrated acquisition and project management strategy was implemented, creating a partnership among the National Nuclear Security Administration (NNSA), the U.S. Army Corps of Engineers, and Consolidated Nuclear Security, LLC.



The Site Readiness Subproject prepared Y-12 for UPF construction and included:

- Relocation of Y-12's main supply route
- Installation of new water and electrical utilities
- Installation of sediment basins for environmental protection
- Building a construction equipment haul road
- Construction of soil borrow and deposition areas
- Wetlands enhancement and creation

Emphasis on Safety and Sustainability

One of the most significant accomplishments of the Site Readiness Subproject was the relocation of Bear Creek Road, Y-12's main

The Y-12 National Security Complex 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 1940's and are costly to operate and maintain. UPF is one of the Department of Energy's largest investments in Tennessee since the Manhattan Project and one of the National Nuclear Security Administration's largest construction projects. UPF will support Y-12's key missions and will ensure the long-term viability, safety, and security of enriched uranium capabilities in the United States.



transportation thoroughfare, and the corresponding site utilities. UPF crews rerouted the road to separate the construction from commercial traffic. Additional safety measures such as guardrails, signs, pavements markings, and traffic signals were installed.

The old Bear Creek Road is now used specifically as a haul road for construction vehicles. The haul road was constructed with materials originating from other Site Readiness efforts.

DOE Secretarial Achievement Award

The Site Readiness Subproject was recognized with a Secretarial Achievement Award from the Secretary of Energy on March 23, 2016, for its on time and \$20M under budget completion.

The award also recognized the completion of the Site Readiness as a significant step toward achieving NNSA's commitment to complete the UPF project by the end of 2025 for no more than \$6.5B.