

Projects

Y-12 GOA

Oak Ridge, Tennessee



HIGHLIGHTS

- ◆ Demolition of two facilities and auxiliary buildings within the high security area of the Y-12 complex.
- ◆ A unique rad waste processing service has saved the client nearly \$200 per cubic yard of contaminated materials.

In a General Ordering Agreement (GOA), the client agrees to furnish all necessary plant, labor, supervision, technical and professional services, materials, tools, equipment, and consumables necessary and required to perform Demolition and Dismantling Services at Y-12 National Security Complex, in Oak Ridge, Tennessee.

In this project for the U.S. Department of Energy, Conti is charged with several tasks including the demolition of two facilities and auxiliary buildings within the high security area of the Y-12 complex. Building 9404-11 was a story building formerly used in a solvent extraction and purification process supporting Y-12 weapons production mission and was located immediately adjacent to electrical lines, process and manufacturing lines that had to be demolished to grade. All the waste was to be disposed of by Conti via recycling and disposal. Building 9767-2 is a radiologically contaminated building formerly used as a laundry for PPE, wet-chemistry operations for uranium processing, and other miscellaneous production activities. It is located within inches of process lines and utility lines that service a Category 2 Nuclear Facility and is about 6' from this Cat 2 Nuclear Facility. Other elements of the project are waste management including sampling, analysis, repacking, and the disposal of containerized legacy radioactive waste.

Conti hired a subcontractor that provided a unique rad waste processing service to take surface contaminated materials and release them for industrial waste disposal under the NRC/State of TN licensed process via a volumetric release criteria. This process alone saved the client nearly \$200 per cubic yard.

This project is expected to be complete by November 2004. To date, the client is very pleased with all aspects of Conti's performance. Even after the client turned over the facilities for demolition eighteen to forty-three days late, Conti has been able to achieve the client's milestones. Since then, Conti has resequenced work activities to achieve an early completion forecast.

Scope of Services

- ◆ Dismantling and Demolition
- ◆ Deactivation
- ◆ Decontamination
- ◆ LLRW Remediation
- ◆ Asbestos/Lead Abatement
- ◆ Transportation
- ◆ Disposal