

FACT SHEET

National Nuclear Security Administration Y-12 Site Office

The mission of the NNSA's Y-12 Site Office (YSO) is to ensure the safe, secure and cost-effective operation of the Y-12 National Security Complex, a key facility in the U.S. Nuclear Security Enterprise, located in Oak Ridge, Tennessee. YSO employees perform program oversight, contract and administrative management, and technical evaluation and assessment to meet this mission.



MISSION: Y-12 serves as the nation's only source of secondaries, cases, and other nuclear weapons components and is the only source of enriched uranium fuel for the U.S. Navy. A leader in precision manufacturing, Y-12 serves as the main storage facility for enriched uranium and provides down blended fuel for commercial and research reactors worldwide. Y-12 also supports NNSA's nuclear nonproliferation programs and performs complementary work for other government agencies.

HISTORY: Y-12 was constructed as part of the World War II Manhattan Project. The first mission was the electromagnetic separation of uranium-235. After World War II, Y-12 became a high-precision manufacturing facility and played a major role in the production of components for modern thermonuclear weapons. Since the end of the Cold War, Y-12's primary mission has supported NNSA's scientific-based stockpile stewardship mission through quality evaluation and the remanufacture of the nuclear weapons components as part of long term nuclear weapons life extension programs.



Highly Enriched Uranium Materials Facility

RECENT ACHIEVEMENTS: Operations are now underway at the \$549 million Highly Enriched Uranium Materials Facility, a modern, ultra-secure uranium warehouse.

In FY 2009, Y-12 achieved the highest dismantlement throughput level in more than 25 years.

Y-12 has completed all work on the B61 strategic nuclear bomb and is currently supporting the Stockpile Life Extension Program for the W-76.

Seven American Recovery and Reinvestment Act projects at Y-12 are underway. This work is paving the way for future Y-12 cleanup under the Integrated Facilities Disposition program.

LEADERSHIP: Ted Sherry serves as the Manager of the Y-12 Site Office and previously was the YSO Deputy Manager. Before joining the YSO staff in 2002, Sherry held several other positions with NNSA in Albuquerque, New Mexico, including nuclear explosive safety engineer, Pantex Integrated Safety Process deputy team leader, and technical training program manager. He also serves as the chairperson for the NNSA Nuclear Security Enterprise Field Council.



FY 2010 BUDGET: Approximately \$983 million.

CONTRACTORS: B&W Y-12 operates Y-12 for NNSA. WSI – Oak Ridge provides protective security services for the plant.

ECONOMIC IMPACT: Over 7,000 employees work at Y-12. B&W Y-12 is among the top employers in the region, with 4,600 employees and an annual payroll of \$350 million.

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