



complex world | CLEAR SOLUTIONS™



Services for the Department of Energy and National Nuclear Security Administration

Planning | Design | Construction | Operations Support



Services for the Department of Energy

and the National Nuclear Security Administration

Leveraging and Integrating Capabilities for Customer Success

For more than 30 years, Tetra Tech has been providing safe, innovative, and cost-effective solutions for DOE and NNSA by leveraging and integrating our extensive corporate capabilities with our diverse cross-program knowledge and expertise to deliver maximum value to our customers. In addition, we work with DOE and NNSA organizations to develop new strategic platforms to optimize government/private-sector synergies to achieve continuing success.

PLANNING/MANAGEMENT

Tetra Tech provides planning and management services for DOE and NNSA programs and missions:

- **DOE Portsmouth and Paducah** – Facility disposition and regulatory strategy, D&D, environmental/wetlands restoration, legacy waste management, DUF6 capital construction projects, and uranium management. Also supporting DOE PPPO by preparing critical decision documents in response to DOE Order 413.3
- **Nevada Test Site** – Environmental services and NEPA planning, including computerized modeling of groundwater
- **NNSA Headquarters** – Material control and accountability (MC&A) services and international security support
- **Oak Ridge, Los Alamos, and Brookhaven National Laboratories Global Threat Reduction Initiative** – Support for the laboratories' international and domestic safeguards and nuclear nonproliferation efforts, as well as the International Atomic Energy Agency's nonproliferation activities in Vienna and at nuclear facilities worldwide
- **Savannah River Nuclear Solutions and the Savannah River National Laboratory** – Memorandum of Agreement signed with Tetra Tech for collaborative planning and initiatives on domestic and international water resources, quality, and protection efforts, including energy, environmental and national security priorities.
- **Nationwide NEPA Contract** – Performed \$100 million in NEPA activities with 30 years of support for projects throughout the DOE complex: Argonne, Idaho, Lawrence Livermore, Los Alamos, and Sandia National Laboratories; Pantex Plant; Savannah River Site; Waste Isolation Pilot Plant; Y-12 National Security Complex; Yucca Mountain; and the Portsmouth Gaseous Diffusion Plant

DESIGN

Tetra Tech engineers prepare more than \$50 million of designs annually for DOE and an additional \$300 million for commercial and DOD clients each year. This represents more than 20,000 designs over the past two decades and includes DOE facilities such as:

- **Hanford Site** – Remedial designs for one of DOE's highest-risk cleanups: removal of contaminated materials from N-reactor trenches
- **Idaho National Laboratory Spent Fuel Facility** – Design, NRC application, and licensing support for a spent nuclear fuel dry storage facility
- **DOE Oak Ridge Operations** – Engineering design for the Melton Valley TRU Waste Facility
- **Oak Ridge Facilities Support** – More than \$75 million of engineering support for DOE sites at Oak Ridge, Portsmouth, and Paducah (D&D, EE/CA, design, and workforce transition)
- **Paducah** – Engineering and environmental restoration, including developing D&D design packages, drawings, and performance specifications
- **Y-12 National Security Complex** – Preconceptual design and technical support for High Enriched Uranium Materials Facility (HEUMF), as well as 15 years of material management and seven years of safeguards and security support
- **Savannah River Site** – 20 years of contaminant transport modeling/environmental services to evaluate groundwater remedies, develop reactor-building D&D alternatives, and support tank closures

Energy, water, and human resources remain paramount priorities for DOE, our nation, and the world community because the wise and effective development and management of these resources will enhance the quality of all of our lives. Tetra Tech is at the forefront of delivering high quality services to the DOE, NNSA, and other customers, in furtherance of these objectives.



International Safeguards and Security Services – Tetra Tech provides both physical protection systems as well as technical and programmatic support throughout the world. For example, Tetra Tech installed a radiation detection system at the Port of Rotterdam to monitor cargo leaving port.



Nuclear Materials and Security Services – Tetra Tech provides unique physical security, nuclear materials management, control and accountability services throughout the DOE and NNSA Enterprise.

CONSTRUCTION

Tetra Tech has performed \$10 billion of construction work, including vertical, horizontal, remedial, industrial, and shoreline construction. Our work for DOE has supported closure of 1,040 facilities throughout the DOE complex. Recent project examples include:

- **DUF6 Conversion Capital Project Oversight** – Support for the \$600 million construction of conversion facilities at Paducah and Portsmouth, including assistance applying DOE Order 413.3
- **Savannah River Site** – Excavation, removal, and disposal of radioactive materials and soils at two facilities and two RCRA closure projects within the low-level radioactive waste disposal facility
- **Hanford Site** – Remediation of N-reactor trenches through the removal of 150,000 tons of highly radioactive soil and debris
- **NNSA Design, Integration, Construction, Communication, and Engineering (DICCE) Program** – Installed more than 500 radiation portal monitors at border crossings in 25 countries
- **ORNL Bethel Valley Burial Grounds** – Construction support activities

OPERATIONS SUPPORT

Tetra Tech provides expert support in facility operations, maintenance, and administration:

- **NNSA** – Support for programs, such as:
 - MC&A program and operations assessments
 - Assistance to the Second Line of Defense Program mission to deter, detect, and interdict illicit global trafficking in nuclear and other radioactive materials
 - DOE Complex-wide nuclear materials management support
- **Y-12 National Security Complex** – Planning and coordinating facility and material de-inventory, safeguards and security technical services
- **Oak Ridge and Los Alamos National Laboratories** – Nuclear material control and accountability technical services
- **Sandia National Laboratories** – Nuclear materials management, de-inventory program, and audit support services
- **DOE – Portsmouth and Paducah Project Office** – Technical environmental, audit, and regulatory support
 - DUF6 transition to operations support
 - Oversight of environmental and remediation activities



Our Oak Ridge-based Tetra Tech HEI business unit (formerly Haselwood Enterprises, Inc.) is a DOE-award-winning professional services operation that delivers proven technical and management services to support nuclear security, nuclear materials management, environmental management, energy programs, and related missions throughout the DOE and NNSA.

Tetra Tech is a leading provider of consulting, engineering, program management, construction, and technical services throughout the DOE and NNSA Complex. The Company supports government and commercial clients by providing innovative solutions aimed at transformation to clean, secure energy alternatives; effective management of water and other natural resources; and enhancing national security. Tetra Tech's capabilities span the entire project life cycle.

GLOBAL PRESENCE

North America:

Canada, United States

Asia: Afghanistan, China, India, Japan, Kazakhstan, Philippines, South Korea, Thailand

Pacific: Australia, Guam

Europe: France, Germany, United Kingdom

Latin America: Chile

Middle East: Qatar, United Arab Emirates



Company Facts and Rankings



1st in Water

1st in Environmental Management

3rd in Environmental Science

3rd in Engineering/Design

7th in Top 500 Design Firms

1st

Tetra Tech ranks first in Water and Environmental Management as of April 2011

- Annual revenue of \$2.2 billion (FY2010)
- Total assets of \$1.1 billion
- NASDAQ Symbol: TTEK
- Approximately 12,000 employees
- 330 offices worldwide



TETRA TECH

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