DOE SERVICES

LATA has a distinguished history of collaboration with the U.S. Department of Energy and prime contractors. Notably, we served as the prime contractor for the K-33 building's comprehensive D&D and waste disposition at the East Tennessee Technology Park. Operating as LATA/Parallax Portsmouth, LLC, we oversaw nuclear facility operations at the Portsmouth Site, including **remediation** and **demolition**. We also provided essential services for the Paducah Deactivation and Remediation Project. As part of the Legacy Management Program, we handled D&D, **engineering**, and **waste management** for the Converted Advanced Wastewater Treatment Facility at the Fernald Preserve Site. Presently, LATA actively supports Los Alamos National Laboratory, Sandia National Laboratories, Pantex, and the Y-12 National Security Complex.

AREAS OF EXPERTISE

- Facilities and Site Management and Operations
- Deactivation, Decontamination, Decommissioning and Demolition of Hazardous and Radiologically Contaminated Facilities
- Waste Management and Waste Characterization
- Data, Packaging, and Shipping
- Logistics Analysis and Planning
- Waste Treatment Systems Design and Operations
- Environmental Compliance and Remediation
- Special Materials and Hazards (Beryllium) Handling
- Engineering and Technical Services
- Nuclear Materials Handling and Disposition
- Weapons of Mass Destruction Safety and Security
- NEPA
- Industrial Safety and ES&H Program Support
- Engineering Controls, Building Modifications, and Facility Upgrades
- Facility Investigation and Characterization
- Site Operations and Support
- Program and Project Management

SAFETY | SERVICE | RELATIONSHIPS

CONTACT

Carl Beard
Chief Operating Officer
806.381.3114
cbeard@lata.com

Primary NAICS Code
562910: Environmental Remediation Services (Small Business)
Ancillary NAICS Codes
561210: Facilities Support (Small Business)
562211: Hazardous Waste Treatment and Disposal (Small Business)
541715: Research and Development in the Physical, Engineering, and Life Sciences (Small Business)
541519: Other Computer Related Services (Small Business)

EXAMPLE PROJECTS

WIPP, Carlsbad, NM
LATA is responsible for the Regulatory and Environmental Services (RES), which ensures compliance and regulatory requirements are being met. LATA also provides Quality Assurance (QA) to support General Plant Projects (GPP) and Capital Assets Projects as part of internal oversight programs to assist SIMCO in ensuring excellence in the quality of construction project execution.

Y-12 Waste Management Services, Oak Ridge, TN
LATA operates 10 waste management facilities to treat mercury (Hg) contaminated groundwater; Hg-contaminated water from sumps; plant wastewaters containing enriched uranium; RCRA, low-level radiological, mixed, PCB, and Beryllium (Be) waste streams; groundwater contaminated with metals (e.g., iron and lithium), chlorinated hydrocarbons, PCBs, carbon tetrachloride, methylene chloride, chloroform, and other voes; nitrate-bearing wastes; and to reduce pyrophoric depleted uranium to a stable form of depleted uranium oxide.

TA-22 Magazine and TA-37 Magazine Demolition, Los Alamos National Laboratory, NM
LATA deactivated, decommissioned, and demolished 19 structures. Work included abatement, transport, and disposal of asbestos and regulated materials; remova1, packaging, and disposal of universal and PCB wastes; demolishing, loading, transport, and disposal of the structure waste; and site stabilization.

Design Modification and Installation of Infrastructure for Remedial Action, Pantex Plant, Amarillo, TX
LATA is installing infrastructure to support a large 41 well groundwater pump and treat system including 1 mile of 13.2KVA power with 1 mile of power lines; 2 miles of light duty roads; 1 mile of heavy-duty roads; 2 exits off of Texas State Highway 60; installation of 41 extraction well pumps; 2 miles of subsurface pipelines; power distribution and PLC control panels to support operation of the wells; and 2 equipment pads.

Reactor Removal at Building 280, Lawrence Livermore National Laboratory, CA
LATA led the beryllium (Be) program and waste management activities for the demolition of the research reactor in B280. LATA developed the Beryllium Monitoring and Control Plan, performed Be safety training, medical monitoring, and daily Be monitoring. LATA developed and maintained the Radioactive Waste Management Basis and the Waste Management Plan. LATA also led the development and execution of the Sampling Plan, development of Waste Profiles generator training, management of waste accumulation areas, waste documentation and tracking, waste characterization, and waste shipping.

D&D of the Converted Advanced Wastewater Treatment Facility, Fernald Preserve Site, OH
LATA removed media and ion exchange {IX) resin and D&D existing infrastructure. D&D involved removal of eight (8) 6600-gallon pressure vessels, each full of spent IX resin, and contaminated multimedia and emptying one 20,000-gallon IX resin storage vessel. LATA implemented an innovative approach that included the removal of the resin in slurry form to minimize personnel contact and removal of the tanks wholly intact including some or all of the contents rather than completely emptying the tanks and downsizing for transport.

Backwash Basin Refurbishment, Fernald Preserve Site, OH
The demolition work consisted of dewatering and removal of radionuclide sludge from the 101’ x 101’ x 6’ Backwash Basin and packaging and transportation of 600 cy of waste. To prevent penetrating the existing basin liner, LATA installed a “squeegee” of rubber and fabric belting on the backhoe.

Environmental Remediation and D&D, Paducah Gaseous Diffusion Plant, KY
LATA deactivated and demolished the two most contaminated buildings onsite - the 60,000 ft, 14-story C-340 Metals Reduction Facility and the 100,000 ft, seven-story C-410 Complex. The buildings were highly contaminated with PCBs, asbestos, uranium, Tc-99, and metals. Over 9,000 ft of piping was manually removed over 18 months prior to demolition. Negative air machines, chemical traps, and other components were used to remove and stabilize HF that may have been in the piping as a result of UF6 presence.

Building K-33 Demolition and Disposition, Oak Ridge Reservation, TN
LATA demolished the K-33 former gaseous diffusion uranium enrichment facility, one of the world’s largest buildings with 2.8M ft of floor space. LATA developed a new snip and pull structural demolition method which allowed demolition to be completed 5 months early and nearly $8M under budget. LATA disposed of 164,000 tons of waste with an outstanding safety record and met all objectives of the contract. **This project received the Secretary of Energy’s Achievement Award in 2013.**