NUCLEAR 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

CONTACT

David B. Mann, Ph.D., PMP
EVP, Southwest Programs
505.670.9395
dmann@lata.com

Todd Struttmann, PE, PMP
EVP, Chief Engineer
614.206.8266
tstruttman@lata.com

Robert Giroir
EVP, Southeast Programs
803.257.6377
rgiroir@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)

SAFETY | SERVICE | RELATIONSHIPS

EXAMPLE PROJECTS

Waste Isolation Pilot Plant (WIPP) Management & Operating (O&M), Carlsbad, NM

LATA is responsible for the Regulatory and Environmental Services (RES), preparing and managing the state and federal compliance documentation and the monitoring programs which go into them, to ensure compliance and regulatory requirements are being met. LATA also provides Nuclear Quality Assurance (QA) to support Capital Assets and General Plant Projects as part of internal oversight programs to assist SIMCO in ensuring excellence in the quality of construction project execution.

Reuse of Historical DOE Sites, Kairos Power, Oak Ridge, TN

LATA provides comprehensive environmental and engineering services including site evaluations, sampling, and remediation planning for legacy DOE site waste issues involving PFAS, hazardous, and radioactive contaminants. Our team incorporates "Design to Disassemble" principles into modular facility construction to promote sustainable life-cycle management and develop end-of-life D&D cost estimates, including compliance with NRC closure requirements. LATA also leverages its extensive experience managing Environmental Impact Statements (EISs), Environmental Assessments (EAs), and NEPA actions for full regulatory compliance while maintaining a focus on safety, environmental stewardship, and long-term sustainability. The project successfully implemented free-release protocols under the metal moratorium and facilitated the classification, identification, and recycling of 70,000 pounds of lead & copper.

Orano Waste Management Conceptual Design for Permit, Oak Ridge, TN

WCS and LATA were selected for their extensive waste management and engineering expertise to develop the conceptual design for Orano's NRC permit application for a uranium recycling facility of a waste management facility to handle, process, package, and dispose of operational wastes. LATA led the engineering conceptual design and supported WCS in developing the capital and operating lifecycle cost (ROM) for waste operations.

Y-12 Waste Management Services, Oak Ridge, TN

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

TA-50 Clarifier 1 Stabilization Project, Los Alamos National Laboratory, NM

LATA safely stabilized a highly contaminated clarifier within an active Nuclear Category 3 Radioactive Liquid Waste Facility. The project included design and construction of a temporary containment structure with HEPA-filtered negative pressure ventilation, decontamination and demolition of internal components, and removal and disposal of 204 cubic yards of transuranic waste. Work was performed under confined space and high-contamination controls while maintaining full compliance with Technical Safety Requirements and achieving all regulatory milestones on schedule.

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.

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 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.