

APPROXIMATELY
50,000
EMPLOYEES

WORK FROM
OFFICES IN OVER
 **50**
COUNTRIES

- › Atkins, a member of the SNC-Lavalin Group, is one of the world's most respected design, engineering and project management consultancies serving infrastructure, transportation and energy sectors.
- › On July 3, 2017, SNC-Lavalin and Atkins joined forces.
- › SNC-Lavalin is a leading global engineering and project management company, offering services in Engineering, Design and Project Management, Infrastructure, Nuclear and Resources businesses.



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Nuclear Secured



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We're helping the U.S. Department of Energy (DOE), National Nuclear Security Administration (NNSA), and other agencies with Q-cleared and other nuclear services.

For more than 25 years, we have solved some of the toughest cleanup and decommissioning challenges.

Safety is not negotiable. We are firmly committed to protecting the health and safety of our workers and subcontractors, the public, and the environment in which we live and work. Our safety performance places us at the top of the list of DOE-EM prime contractors by safety rankings.

Services

Site and project management, facilities, operations and maintenance

- › Management and operation of DOE facilities (both operating and closure sites)
- › Nuclear Operations/Conduct of Operations
- › Nuclear safety/nuclear criticality safety
- › Plant testing and commissioning
- › Plant operation (GoCo)
- › Training/readiness
- › Enabling technologies
- › Facility maintenance strategies

Environmental and waste management

- › Characterizing and managing radioactive, hazardous, and mixed waste
- › Development of HLW/LLW management approaches and treatment technologies
- › MARSSIM and MARSAME surveys
- › Removal of challenging waste streams and development of treatment/disposal pathways
- › Ensuring state, federal, and local regulatory compliance

Nuclear safety and speciality analysis

- › Nuclear criticality safety and nuclear safety engineering
- › Safety basis development and revision
- › Development of documented safety analyses, technical safety requirements, and related documentation
- › Criticality incredible assessment and documentation
- › Hazard category reduction

Engineering

- › Conceptual through detailed design
- › Process engineering
- › Applied technology and flowsheeting
- › Niche support-safety, fire protection, licensing, etc.

Remediation services

- › Site characterization and excavation
- › Delineation of contamination using MARSSIM and MARSAME surveys with GIS/GPS mapping
- › Waste characterization and management
- › Site restoration and closure

Decommissioning

- › Planning, including characterization and decommissioning plans
- › Full-scale decommissioning management
- › Surface decontamination and hazards abatement
- › Equipment removal and demolition
- › Regulatory, permits, final status surveys, license termination
- › Managing support infrastructure
- › Product and equipment supply

Compliance management and assurance

- › Plant startups and restarts
- › Contractor assurance
- › Readiness assessment
- › Implementation Verification Reviews
- › Documented Safety Analyses

Training

- › DOE readiness
- › Operational safety
- › Nuclear safety

Sample projects

DUF6 Operations

Paducah, Kentucky and Portsmouth, Ohio



Hanford Tank Operations

Richland, Washington



Management and Operation

Canadian Nuclear Laboratories



SRS Salt Waste Processing Facility

Aiken, South Carolina



U 233 Disposition

Oak Ridge National Laboratory, Tennessee



Waste Generator Services

Idaho National Laboratory

