

ENGINEERING SERVICES CAPABILITY STATEMENT



ENGINEERING SOLUTIONS FOR COMPLEX NUCLEAR AND INDUSTRIAL FACILITIES

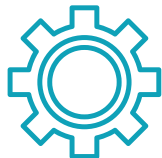
Expertise in uranium
and plutonium facilities,
fuel plant design,
enrichment, and
administrative
buildings.



OUR ENGINEERING SERVICES



**CIVIL/STRUCTURAL
ENGINEERING**



**MECHANICAL/PIPING/
HVAC ENGINEERING**



**ELECTRICAL
ENGINEERING**



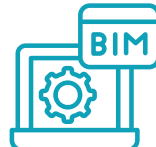
**I&C
ENGINEERING**



**FIRE PROTECTION
ENGINEERING**



**3D LASER
SCANNING**



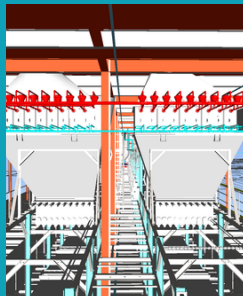
**BIM
MODELING**



**VIRTUAL REALITY
REVIEWS**

ENGINEERING EXCELLENCE. PROJECT SUCCESS.

We combine strong commercial and nuclear expertise with advanced technologies to deliver innovative, efficient, and constructible solutions.



ENGINEERING SERVICES CAPABILITY STATEMENT

ENGINEERING PROJECT HIGHLIGHTS



BWXT CENTRIFUGE FACILITY

Prime contractor supporting the NNSA Defense Fuels Program through the design and construction of a pilot-scale enrichment facility. The project includes a 5,000-square-foot building and a 66,968-square-foot office and test facility. The office and test facility features 14,600 square feet and accommodates 70+ office workstations. The scope also includes site development, structural and architectural construction, process utilities, mechanical and electrical systems, and commissioning of centrifuge assembly and testing areas.

CLIENT
BWXT

LOCATION
Oak Ridge, TN

PERFORMANCE
January 2025 -
December 2025

VALUE
\$36.6M



300 METRIC TON DU RECYCLING FACILITY

Prime contractor providing design-build, project management, and procurement services for the 300 Metric Ton DU Construction Plant in Jonesborough, TN. Scope includes full design and construction of process and support buildings, site development, utilities and piping installation, equipment foundations, and commissioning of process systems. Edgewater's integrated approach streamlines delivery and ensures alignment with BWXT's performance and safety requirements.

CLIENT
BWXT

LOCATION
Jonesborough, TN

PERFORMANCE
May 2024 -
Present

VALUE
\$780M



BUILDING 9423 DECONTAMINATION, SORT, SEGMENT AND PACKAGE PROJECT

Edgewater provided engineering and design services for a cleanroom facility, including associated utility routing, system tie-ins, and integration with existing infrastructure. Included engineering support for the procurement and installation of a sort, seg, decontamination, and packaging shop, as well as the demolition, modification, and reinstallation of utilities. Developed an installation approach utilizing a SPYDERCRANE mini crane to safely and efficiently execute work within the facility.

CLIENT
CNS

LOCATION
Oak Ridge, TN

PERFORMANCE
September 2019 -
September 2025

VALUE
\$5.5M



URANIUM METAL PROJECT

Supported design and construction of Uranium Metal (U-Metal) processing facility funded by the NNSA to convert highly enriched uranium oxide into high-purity uranium metal for national security applications. Highly complex chemical and nuclear processing facility that includes glove boxes, high-temperature furnaces, enhanced fire protection, and infrastructure upgrades in a highly congested site. Provided engineering, design, procurement, construction management, and regulatory support for NRC license amendments.

CLIENT
BWXT/NFS

LOCATION
Erwin, TN

PERFORMANCE
March 2021 -
Present

VALUE
\$115M



**INNOVATIVE
SOLUTIONS**



**ADVANCED
TECHNOLOGIES**



**INTEGRATED
DELIVERY**



**SAFETY & QUALITY
FOCUSED**

