

A POWERHOUSE FOR

NUCLEAR POWER SERVICES

For over 65 years, Sargent & Lundy has helped clients navigate the changing nuclear landscape.

From traditional design services to today's evolving nuclear generation technologies and behind-the-meter solutions, we collaborate with you to execute your nuclear licensing, design, and retrofit projects with utmost quality and safety.

We are visionaries, designers, and innovators.

Our clients benefit from the expertise and experience of an industry leader at the forefront of nuclear technologies and climate change solutions. We readily guide our clients in harnessing nuclear power as a key source of carbon-free energy for future generations.

We're actively developing next generation designs and applications for the nuclear fleet of tomorrow.



TRADITIONAL NUCLEAR DESIGN SERVICES

- Engineering and design for large retrofit projects
- Digital modernization strategy
- Physical plant security upgrades
- Plant analysis and system optimization studies
- Subsequent operating license renewals (60-year → 80-year)
- Owner's engineer services
- Construction/implementation management
- Risk-informed tech spec surveillance reduction
- Dry fuel storage and decommissioning

NEW NUCLEAR GENERATION SERVICES

- Small module reactor (SMR), advanced reactor, and microreactor engineering and design
- Fuel fabrication facility engineering and design
- Medical isotope production facility engineering and design
- Large-scale, generation III+ reactor engineering and design
- Technology assessment, site selection, and licensing services

BEHIND-THE-METER/BEYOND POWER GENERATION SERVICES

- Carbon-free power for industrial applications
- Hydrogen production, storage, transport, and use
- Direct air capture
- Data processing centers

**Get to know excellence.
Get to know Sargent & Lundy.**

sargentlundy.com

