

A POWERHOUSE FOR NUCLEAR POWER SERVICES

For over 70 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 to meet growing energy demands. 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 strategies
- Physical plant security upgrades
- Plant analysis and system optimization studies
- Nuclear plant licensing services
- Subsequent operating license renewals and license renewal implementation services
- Owner's engineer services
- Construction/implementation management
- Technical specification 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

MOST REQUESTED AND PERFORMED SERVICES

- New nuclear standard plant design
- Siting, technology assessment, and industrial integration
- Construction permit application (environmental report and PSAR)
- NRC pre-application and review meeting support services
- Digital modernization support services
- Procurement agent support services
- QA and vendor surveillance support services



**Get to know excellence.
Get to know Sargent & Lundy.**
[**sargentlundy.com**](https://www.sargentlundy.com)

Sargent & Lundy

