

THE WORLD NEEDS

NEW NUCLEAR.

THE WORLD NEEDS LAURENTIS.



Let Laurentis transport your new nuclear project from vision to reality

As demand for clean, reliable power continues to rise, there is renewed interest globally in the advantages of nuclear energy. With extensive expertise in nuclear power and a commitment to helping clients unlock the promise of this low-carbon, high-impact technology, Laurentis is uniquely positioned to help support this energy transition.

From Micro Modular and Small Modular Reactors, to new, large-scale nuclear reactor facilities, Laurentis provides key project planning and execution solutions in a variety of areas to help clients meet a diverse range of energy needs and bring new nuclear projects to life.

Experience

Laurentis leverages decades of nuclear power knowledge through its parent company, Ontario Power Generation (OPG).

Expertise

Laurentis has extensive capabilities in nuclear project management, engineering, licensing, regulatory support, and operator readiness.

Innovation

Laurentis is a leading provider of innovative, full-service solutions for new nuclear projects.

Laurentis new nuclear services: Supporting your project every step of the way

Project services

Laurentis provides a range of services to ensure your new nuclear project is carried out efficiently, cost-effectively, and meets regulatory requirements from site licensing through to decommissioning planning.

Engineering

Laurentis's Owner's Engineer support services include oversight and management for every aspect of your new nuclear project, including feasibility assessments, preliminary engineering support, and working with technology vendors.

Licensing and regulatory affairs

Laurentis's expert licensing and regulatory affairs team will ensure your project achieves full compliance with licensing support, training support, stakeholder and Indigenous engagement, and a range of consulting services.

Operator readiness

Laurentis can set your project up for success by providing operational strategy planning and execution, operations training, operational expertise for commissioning, start-up and turnover planning, and operations engineering.

Executive advisory services

From project planning to budgeting to regulatory approvals and engineering, Laurentis's executive advisory services will help you navigate any issue and keep your project on track.

Our projects

Darlington New Nuclear Project

Laurentis is working with Ontario Power Generation (OPG) and GE Hitachi Nuclear Energy to deploy a BWRX-300 SMR at the Darlington site in Clarington, Ontario.

Capital Power

Laurentis is collaborating with OPG and Capital Power to advance Western Canada's SMR project in the province of Alberta.

SaskPower

Laurentis is supporting the deployment of SMRs in Saskatchewan, partnered with the province's public power company, SaskPower.

Orlen Synthos Green Energy

Laurentis is supporting the development of GE Hitachi BWRX-300 SMRs in Poland for Orlen Synthos Green Energy (OSGE), a Polish energy company.

Tractebel and Hatch

Laurentis has partnered with Tractebel, a global engineering and consulting company, and Hatch, a global management, engineering, and consulting firm, to develop a one-stop-shop to support industrial SMR clients worldwide.

Fermi Energia

Laurentis is supporting the development of SMRs for Fermi Energia, an Estonian energy company seeking to ensure a stable, clean, and reliable domestic supply of electricity.



Project Management Organization for new nuclear

Laurentis's Project Management Organization (PMO) for new nuclear projects includes a full suite of project planning and delivery services to ensure new nuclear projects are delivered on time, on budget, safely, and with quality. From conception to planning, engineering, permitting, construction, commissioning, and operation, Laurentis has the people and expertise to make new nuclear projects proceed quickly and smoothly.

Laurentis has been a nuclear pioneer since day one, so we are more than ready to step up and help lead the world through the nuclear renaissance that is so essential to fighting climate change. Nuclear is what we do. Let us help you get results.

Kamlesh Roy
Vice President of Finance

PMO services



Project management

- Project execution planning
- Project staff planning
- Project governance
- Project roadmaps
- Integrated project schedule
- Project description/feasibility
- Site evaluation and characterization support
- Nuclear fuel and waste lifecycle support



Licensing

- Licensing plan and strategy
- Environmental Assessment support
- Licence to Prepare Site
- Preliminary Safety Analysis Report support
- Licence to Construct
- Final Safety Analysis Report support
- Licence to Operate



Operations readiness

- Operational design and resource planning
- Resource capacity building
- Workforce planning
- Recruitment and hiring
- Operations and maintenance design review
- Training strategy and development
- Plant procedures and work instructions
- Management system development and implementation
- Operations pre-startup review



Owner's Engineer support

- Design agency oversight and consulting
- Contract management

About Laurentis

Laurentis is built around the simple but powerful idea that harnessing the power of nuclear energy can lead to a cleaner and healthier future for the next generation. Every day, Laurentis helps clients around the world bring that vision to life.

As a commercial subsidiary of Ontario Power Generation – one of North America's largest and most diverse clean-energy generators and innovators – Laurentis brings unparalleled real-world experience and technical expertise to tackle the toughest challenges. From project management to engineering services, to nuclear medicine and a range of isotope applications, to small- or large-scale asset refurbishments, to state-of-the-art system software and inspection technologies, Laurentis has the right solutions to help customers succeed.

Contact us

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