



1550 Kingston Road, Suite 219
Pickering, ON, L1V 1C3
Telephone: (905) 839-0073
Fax: (905) 839-7085
www.ocni.ca

OCNI, Kinectrics Celebrate Groundbreaking Advancements in Medical Isotopes Innovation

FOR IMMEDIATE RELEASE

Toronto, Ontario – November 13, 2025 — The Organization of Canadian Nuclear Industries (OCNI), in partnership with Bruce Power, is proud to host a Supplier Engagement Event celebrating the remarkable advancements in medical isotope production by Kinectrics, a BWX Technologies Inc. company, and the continued strength of Canada’s nuclear supply chain.

This milestone event highlights Kinectrics’ recent commissioning of four new, state-of-the-art, second-generation Electromagnetic Isotope Separator (EMIS) units, significantly expanding its annual production capacity of Yb-176—the key precursor to Lutetium-177 (Lu-177), a life-saving isotope used in targeted cancer therapies. This scale-up will enable the treatment of over 150,000 cancer patients annually, reinforcing Canada’s leadership in the global isotope market.

The project is supported by Kinectrics’ own investment, with additional funding from the Government of Canada through FedDev Ontario and the Government of Ontario’s Advanced Manufacturing and Innovation Competitiveness (AMIC) Program. Together, these investments strengthen the critical role of nuclear technology in advancing healthcare innovation and patient outcomes.

“The success of this project demonstrates how Canada’s nuclear sector continues to deliver innovations that change lives,” said Ivette Vera-Perez, President and CEO of OCNI. “Through the collaboration of Kinectrics and Bruce Power, we are seeing the power of public-private partnerships drive growth, innovation, and tangible benefits for Canadians and patients around the world.”

With a dedicated workforce of more than 1,300 employees, Kinectrics provides comprehensive technical and engineering services across the entire nuclear lifecycle—including safety analysis and licensing, new build, operations and outage services, asset management, life-extension projects, and decommissioning and waste management.

This Supplier Engagement Event brings together industry leaders, government representatives, and OCNI member companies to celebrate Kinectrics’ achievement and explore how Canada’s nuclear supply chain continues to play a vital role in advancing clean energy, medical innovation, and economic prosperity.

Quotes

“The expansion of Kinectrics’ Isotope Separation Production Facility is a remarkable achievement that demonstrates the strength of Ontario’s nuclear innovation and advanced manufacturing sector,” said Brian Riddell, MPP for Cambridge. “This milestone showcases how

local expertise is driving global advancements in clean energy and life-saving medical isotope production. Together, we are supporting innovation that will power our province and enable over 150,000 cancer treatments every year.” **MPP Riddell**

“As someone who began their career as a Radiation Therapist, I know firsthand the life-saving impact of medical isotopes. Kinectrics’ expansion and its partnership with Bruce Power strengthens Ontario’s leadership in this vital field, while creating good jobs and innovation that benefit our communities, including Etobicoke–Lakeshore.” **MPP Fairclough**

“Ontario’s nuclear supply chain is a cornerstone of global medical isotope advancements,” said Pat Dalzell, Bruce Power’s Vice-President of Corporate Affairs & Market Development. At Bruce Power, we’re proud to work alongside partners like Kinectrics to deliver a stable, scalable supply of cancer-fighting medical isotopes. Through our Isotope Production System and new infrastructure investments, we’re expanding Ontario’s capacity to support cutting-edge cancer treatments and research, helping patients around the world.” **Pat Dalzell, Bruce Power’s Vice-President of Corporate Affairs & Market Development**

"Kinectrics is honoured to be recognized by OCNi and the nuclear industry for its leadership in medical isotopes and the nuclear industry." said John D'Angelo, Chief Nuclear Officer at Kinectrics. "We look forward to continuing to collaborate with our clients to develop innovative solutions that help drive the industry forward, as well as support economic growth in the communities we operate in." **John D'Angelo, Chief Nuclear Officer, Kinectrics**

“Fueled by a world-class workforce and R&D ecosystem, Ontario’s life sciences and nuclear industries are proudly setting the global standard for medical isotope production,” said Vic Fedeli, Minister of Economic Development, Job Creation and Trade. “We congratulate Kinectrics on this milestone and look forward to seeing their continued collaborations with the Organization of Canadian Nuclear Industries and Bruce Power reinforce Ontario's role as a leader in the development and delivery life-saving treatments.” **Minister Fedeli**

About OCNi

The Organization of Canadian Nuclear Industries (OCNi) is the leading voice of Canada’s nuclear supply chain, representing more than 250 member companies that deliver technologies and services across Canada and globally. OCNi supports collaboration, innovation, and workforce development to strengthen the clean energy economy.

About Kinectrics

Kinectrics, a division of BWX Technologies Inc. (NYSE: BWXT), is a category leader in providing lifecycle management services to the electricity industry. Trusted by clients worldwide, our expertise in engineering, testing, inspection, and certification is backed by our specialized laboratory and testing facilities, a diverse fleet of field inspection equipment and an award-winning team of over 1,300 engineers and technical experts. From initial design and type testing to operational deployment and maintenance services, Kinectrics collaborates closely with customers to ensure that utility assets perform safely, reliably, and efficiently throughout their entire lifecycle. Kinectrics is a founding member of the Nuclear Innovation Institute (NII) and the Canadian Nuclear Isotope Council (CNIC).

About Bruce Power

Bruce Power is Canada's only private-sector nuclear generator, providing 30% of Ontario's electricity and driving economic growth through innovation, clean energy, and the production of medical isotopes used to fight cancer globally.