



Kinectrics' Nuclear Newsletter – Fall 2020

Innovation Corner: Centre for Canadian Nuclear Sustainability Ambassador



Kinectrics is pleased to announce that we are an Ambassador for the [Centre for Canadian Nuclear Sustainability](#) (CCNS), where we will help advance innovative and sustainable solutions for the nuclear life cycle. The centre has been launched by Ontario Power Generation to support the end of commercial operations at the Pickering Nuclear Station and will

support solutions for minimizing nuclear materials and recycling clean materials, while developing sustainable solutions for the industry, environment and community.

Kinectrics will bring together multi-disciplinary teams to develop high value, innovative decommissioning and waste management solutions to the CCNS.

Staff will bring value to specific key areas of the CCNS:

- Regulatory and Licensing experience
- Best practices and OPEX from Canadian & International utilities
- Proven Waste and Decommissioning planning and strategy
- Radiochemistry analysis, and expertise in health physics
- Technically strong, qualified Engineering expertise for plant modification and layup
- Treatment technologies for contaminated waste (Resins, mixed waste, Heavy Water)
- Experience in Decommissioning, Nuclear Waste, and Repositories

We look forward to leading solutions in the nuclear industry through this partnership.

Kinectrics' Virtual World – Alpha Dosimetry Lab in 360°

Kinectrics operates Canada's first commercial licensed Alpha Dosimetry Laboratory.

The performance achievements of the Kinectrics Alpha Dosimetry Laboratory have been confirmed and recognized by the well-known international PROCORAD (Association for the Promotion of Quality Controls in Radiotoxicological Bioassays). Kinectrics has been qualified by PROCORAD as a "top lab" annually in a number of radiochemical methods and techniques for the measurement of various radionuclides in performance testing bioassay samples.



With the capacity to handle more than 5000 urine samples and several hundred fecal samples per year, these sample analyses can be used to better predict the potential alpha dose received by nuclear power workers during reactor refurbishment and maintenance activities.

Take a self-guided tour of this lab [here](#) today!

Featured Insight: From Generation to Customer



Kinectrics is the category leader in providing life cycle management services to the nuclear and electricity industries. 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 life cycle.

Discover *what we do* at each stage of the electricity life cycle by visiting our interactive animation [here](#).

Project Highlight: SNN awards major contract to Kinectrics and ICSI

S.N. Nuclearelectrica S.A. (SNN) have awarded the contract for 'Consulting and Engineering Services, Supervision and Monitoring of the Contractor in the implementation of the Cernavoda NPP Tritium Removal Project (CTRF)' to the Association ICSI and Kinectrics.



The expected duration of the contract is 78 months and involves the Association working as an integrated team with CNE Cernavoda to manage the appointment of an Engineering Procurement Construction Commissioning (EPCC) Contractor and the subsequent project execution for CTRF. Additionally, Kinectrics will be responsible for providing the nuclear safety and licensing documentation in support of the regulatory authorizations.

Read the full news release [here](#).