



**Written submission from
Kinectrics Inc.**

**Mémoire de
Kinectrics Inc.**

In the Matter of the

À l'égard de

**Ontario Power Generation Inc. -
Darlington Waste Management Facility**

**Ontario Power Generation Inc. - Installation
de gestion des déchets de Darlington**

Application to Renew the Class IB Waste
Facility Operating Licence for Ontario Power
Generation in Darlington, Ontario

Demande de renouvellement du permis
d'installation de déchets de catégorie IB pour
Ontario Power Generation à Darlington
(Ontario)

Commission Public Hearing

Audience publique de la Commission

January 26, 2023

26 janvier 2023



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December 5, 2022

Commission Secretariat
Canadian Nuclear Safety Commission
280 Slater Street
P.O. Box 1046, Station B
Ottawa, Ontario
K1P 5S9

**Public Commission Hearing, Ontario Power Generation's Application to Renew its
Darlington Waste Management Facility (DWMF) Operating Licence, Ref. 2022-H-09**

Dear Commission Secretariat,

The purpose of this letter is to express Kinectrics' strong support for Ontario Power Generation's (OPG) 10-year licence renewal application for its Darlington Waste Management Facility (DWMF) (herein referred to as Nuclear Sustainability Services – Darlington (NSS-D)). The current licence, which expires in April 2023, authorizes OPG to operate NSS-D (formerly DWMF) to process and store dry storage containers holding used nuclear fuel from the Darlington Nuclear Generating Station (DNFS).

Kinectrics is a proudly Canadian company committed to sustainable, long-term global growth. We provide complete life cycle management solutions to the electricity industry, working with our customers to fight climate change and save lives through clean electricity generation and medical isotope production. Our headquarters are in Etobicoke, Ontario, with offices in Pickering, Toronto, Bruce County, Saint John, the United States, Germany, Denmark, Romania, the United Kingdom, and India. We have over 30 laboratories, including CNSC licensed facilities and employ more than 1,100 staff, 70% of whom have technical, science or engineering degrees.

At Kinectrics, we invest in state-of-the-art facilities and tools to provide our customers with the best and most comprehensive services. Our laboratories offer testing facilities for a broad range of areas that support the nuclear industry, including materials analysis, nuclear



radiation safety, and chemical analysis. Our world-class experts deliver services including project management and controls, design engineering and nuclear safety analysis and licensing. We provide the broader electricity industry with electrical transformer testing and renewable energy grid interconnection. In addition to supporting OPG in these areas since its inception, we provide similar services to Bruce Power, Hydro One, other provincial and local utilities, and over 200 clients elsewhere in North America, Europe, the Middle East, and Asia.

Kinectrics has provided several essential services which have contributed to the continued safe operation of OPG's facilities, including the NSS-D. Some notable examples include:

- Engineering and construction oversight service for the design, construction, and commission of the Re-tube Waste Processing Building at NSS-D;
- Strategy development for the management of low and intermediate level radioactive waste from the Darlington Refurbishment and Bruce Power Major Component Replacement projects; and
- Radionuclide inventory estimate for decommissioning waste.

Kinectrics staff interface with OPG staff across their nuclear organization. This includes approximately 50 Kinectrics staff who work directly at OPG sites. Kinectrics on-site staff are trained in and adhere to OPG's rigorous procedures in nuclear, conventional and radiation safety and environmental protection. As a vendor, we are pleased with OPG's effective management of their facilities, which provide a safe work environment for our staff. Having extensive experience working closely with OPG, we can confirm they are committed to safety, quality, and technical excellence.

Kinectrics is a proud Canadian Council for Aboriginal Business (CCAB) member, which aims to strengthen the relationship between Aboriginal and non-Aboriginal peoples, businesses, and communities. In this regard, we are pleased to work with OPG, which has attained a gold level in the Progressive Aboriginal Relations program through the CCAB in 2021. OPG has consistently demonstrated a strong commitment to Aboriginal communities. One notable example of OPG's commitment to Indigenous interests is the establishment of the Indigenous Opportunities Network (ION) program. OPG has operated the ION since 2018 to promote indigenous employment within the nuclear industry by providing training and placement to indigenous candidates in the building trades. Since the program's start, over fifty (50) Indigenous candidates have been placed in various roles with OPG, vendors and unions.



In summary, by working closely with OPG and understanding their principles and safety culture, we are confident OPG can operate the NSS-D safely. On this basis, we support OPG's application to renew its NSS-D operating licence for a 10-year period.

If you have any questions or require clarification, please do not hesitate to contact me at 416.207.6511 or david.harris@kinectrics.com.

Sincerely,

A handwritten signature in black ink, appearing to read "David Harris".

David Harris
President and CEO
Kinectrics Inc.