



**Written submission from
Kinectrics Inc.**

**Mémoire de
Kinectrics Inc.**

In the Matter of the

À l'égard de la

**New Brunswick Power Corporation,
Point Lepreau Nuclear Generating Station**

**Société d'Énergie du Nouveau-Brunswick,
centrale nucléaire de Point Lepreau**

Application for the renewal of NB Power's
licence for the Point Lepreau Nuclear
Generating Station

Demande de renouvellement du permis
d'Énergie NB pour la centrale nucléaire de
Point Lepreau

**Commission Public Hearing
Part 2**

**Audience publique de la Commission
Partie 2**

May 11 and 12, 2022

11 et 12 mai 2022



KINECTRICS

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March 28, 2022

Commission Secretariat
Canadian Nuclear Safety Commission
280 Slater Street
P.O. Box 1046, Station
B Ottawa, Ontario
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Public Commission Hearing, New Brunswick Power's Application for a 25-Year Renewal of its Power Reactor Operating Licence, Ref. 2022-H-02

Dear Commission Secretariat,

The purpose of this letter is to express Kinectrics' strong support for New Brunswick Power's (NB Power) application for a 25-year renewal of its nuclear Power Reactor Operating Licence for the Point Lepreau Nuclear Generating Station.

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, the United States, Germany, Denmark, Romania, United Kingdom and India. In addition, Kinectrics further expanded its operations into New Brunswick with the formation of a new Saint John office. 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 the best and most comprehensive services to our customers. Our laboratories provide testing facilities for a broad range of areas in support of the nuclear industry, including materials analysis, nuclear radiation safety, and chemical analysis. Our world-class experts deliver services including fitness for service and operational support, design engineering, life cycle management for the long lived, functionally critical reactor components (e.g., Fuel Channels, Feeders, and Steam Generators) as well as a wide variety of specialized assessment services. In addition to supporting NB Power in these areas, we provide similar services to OPG, Bruce Power, Hydro One, other provincial and local utilities, and over 200 clients elsewhere in North America, Europe, the Middle East and Asia.



As a service provider, Kinectrics has provided several key services which have contributed to the continued safe operation of the Point Lepreau Nuclear Generating Station. For example:

- Design engineering, project management, project/field engineering and project controls;
- Qualification of safety-related components;
- Deterministic and probabilistic safety assessments;
- Development of life cycle management programs for station components;
- Metallurgical and materials analyses for plant structures; and
- Plant inspection services.

In providing such services to NB Power, Kinectrics staff interface with the highly trained and competent team members at NB Power, and we can confirm they are committed to safety, quality, and technical excellence. NB Power's effective management of the Point Lepreau Nuclear Generating Station provides a safe work environment for their station personnel as well as our staff when they are on site. Continuous improvement initiatives (e.g., NB Power's Excellence Plans) directed at both NB Power and vendor staff, ensure high safety standards are maintained. As a result, NB Power consistently reports radiation dose levels to personnel and the public as well as environmental discharges well below regulatory limits.

Kinectrics supports NB Power's commitment to creating and sustaining high quality jobs in New Brunswick, through the operation of the Point Lepreau Nuclear Generating Station. As it has contributed to the creation of thousands of high-quality jobs throughout the province, the continued operation of the Point Lepreau Nuclear Generating Station provides a positive impact on the New Brunswick economy.

Kinectrics is a proud member of the Canadian Council for Aboriginal Business (CCAB), which aims to strengthen the relationship between Aboriginal and non-Aboriginal peoples, businesses, and communities. In this regard, we are pleased to work with NB Power, which has demonstrated a strong commitment to Aboriginal communities. NB Power is committed to having a positive relationship with Indigenous groups and communities and developing strategies in several areas including addressing issues and interests, providing customer service, facilitating resolution of legacy issues as well as consultation activities.



In summary, by working closely with NB Power and understanding their operating principles and safety culture, we are confident NB Power is capable of continuing to safely operate the Point Lepreau Nuclear Generating Station. Additionally, the long-term operation of the Point Lepreau Nuclear Generating Station is an important factor for New Brunswick's goal of achieving net zero emissions. On this basis, we support NB Power's application for a 25-year renewal of its nuclear Power Reactor Operating Licence.

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", is positioned above the typed name.

David Harris
President and CEO
Kinectrics Inc.