



**Written submission from
Framatome Canada Ltd.**

**Mémoire de
Framatome Canada Ltd.**

In the Matter of

À l'égard de

**Bruce Power Inc. – Bruce A and B
Nuclear Generating Station**

**Bruce Power Inc. - Centrale nucléaire de
Bruce A et Bruce B**

Request for a ten-year renewal of its Nuclear
Power Reactor Operating Licence for the
Bruce A and B Nuclear Generating Station

Demande de renouvellement, pour une période
de dix ans, de son permis d'exploitation d'un
réacteur nucléaire de puissance à la centrale
nucléaire de Bruce A et Bruce B

Commission Public Hearing – Part 2

**Audience publique de la Commission –
Partie 2**

May 28-31, 2018

28-31 mai 2018



March 7, 2018

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

Dear Sir/Madam,

Please find this letter as support for the application from Bruce Power Inc. (Bruce Power) to renew its Nuclear Power Reactor Operating Licence for the Bruce Nuclear Generating Stations (NGS) A and B for a period of 10 years [CNSC Ref. 2018-H-02]. Providing Bruce Power a 10-year licence will allow them to proceed with their Life-Extension Program, which will see major investment into the site, allowing it to potentially operate through to year 2064.

Our company fully supports clean-air electricity. Nuclear energy is a large source of clean-air energy in Canada and Bruce Power as the world's largest operating nuclear facility can continue to provide a substantial contribution to clear-air energy for many more years to come.

Framatome's support for the 10 year Licence Renewal application is also due to Bruce Power's demonstration of being a world-class nuclear operator while providing 30 per cent of Ontario's electricity. Bruce Power's role in Ontario's Long Term Energy Plan in support of a coal free electricity supply mix has led to a reduction in harmful emissions, contributing to cleaner air and a healthier environment.

Our companies history as a major international player in the nuclear energy market dates back to 1958, and is recognized for its innovative solutions and value-added technologies for design, building, maintaining and advancing the global nuclear fleet. Our company designs, manufactures and installs components and fuel for nuclear power plants and offers a full range of reactor services. With 14,000 employees worldwide, Framatome's expertise helps its customers improve the safety and performance of their nuclear plants and achieve their economic and social goals.

Framatome's Canadian operations are structured to reflect our experience in the global nuclear energy market and serves as the Framatome world-wide CANDU centre of excellence. We then are able to provide major services and engineering for the Canadian and global CANDU market, with a goal of bringing value to the CANDU nuclear industry through technology, innovation and collaboration. Our Kincardine office was established with a vision of providing long term support to Bruce Power and we have been in Bruce County for over 10 years now. The company has since become a rooted operation in Kincardine, supporting industry, community and development. Aligning with Bruce Power's commitment to local economic development, we strive to increase dependable, local employment opportunities. Currently more than 90 per cent of staff and contractors at the Framatome Kincardine office reside in Bruce, Grey and Huron County.

Our relationship with Bruce Power as a local vendor, a CANDU centre of excellence and as an international player in the nuclear energy market allows us to bring our global experience to support their operations, but also allows us to benefit from their world-class experience to drive continuous improvement in our industry as a whole.



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We also support Bruce Power's efforts to provide a supply of Cobalt-60, which helps sterilize 40 per cent of the world's single use medical devices such as sutures, syringes, surgical gowns and masks as more than just a clean energy provider. The long term agreement signed between Bruce Power and Nordion ensuring they work together through the year 2064 to cover the life of the Bruce Power site and to incorporate the supply of High Specific Activity (HSA) cobalt, used to treat brain tumours places the importance of the License renewal to the next level in social responsibility.

Framatome as a technology company holds around 3,500 patents covering some 680 inventions worldwide. We are honoured to be working with Bruce Power in developing new innovative technologies. We have two Canadian Patent Applications with the first related to Containment Filter Venting Systems to make the Bruce plants even safer and second for producing isotopes on-power at Bruce Power to support medical isotope production to expand what Bruce Power has already been doing.

Bruce Power has consistently demonstrated its commitment to the local communities and has conducted business with transparency, thereby building public confidence. Bruce Power continues to illustrate its commitment to safe, ethical and respectful business operations and openly shares company facts through a variety of media outlets and through the Bruce Power Visitors' Centre.

Bruce Power exhibits a high level of social responsibility, both engaging with and assisting neighbouring communities on an ongoing basis. As an active partner, Bruce Power invests in local communities by supporting programs focused on youth development and education, health and wellness, local events, Indigenous programs as well as other areas. By setting this example, Bruce Power encourages all vendors to build and maintain a strong presence within the local communities, while fostering relationships with local non-profit groups, Indigenous communities and charitable organizations.

This has allowed Framatome to be able to develop programs with Community College Involvement as well as utilizing Canada-Ontario Job Grants to expand our local presence including investing in equipment and long-term leases for facilities.

Although Framatome has a vast global supply chain, we have adopted Bruce Power's philosophy of developing and growing a local, sustainable supply chain. Like Bruce Power, we place a high priority on utilizing local vendors whenever possible. Framatome Canada continues to purchase and hire locally. In cases where hiring local is not achievable, Framatome encourages relocation to the tri-county communities in order to better align with our shared goals and commitment. Combining excellent local vendor relationships with a high local employment rate ensures the business Framatome executes for Bruce Power contributes to local economic growth.

Like Bruce Power, we proudly embrace inclusion of all capable personnel within the local communities. As such, Framatome employs a strategic combination of recent graduates and experienced staff. Recognizing Bruce Power's successful student development and training models, Framatome acknowledges that students are an important part of the company's future.



Framatome offers a number of placement positions for local, motivated learners. The Kincardine office has experienced great success with various levels of co-op placements including high school, college, university and apprenticeship students. Such investment in young, local talent helps to ensure a successful operation is maintained in the future, both internally and industry-wide.

Bruce Power works carefully to cultivate its relationship with local Indigenous communities by establishing excellent working relationships with members of the communities, providing several community sponsorship opportunities and supporting Indigenous social and cultural programs.

Framatome also understands the importance of being a committed partner to Indigenous communities. With the support and encouragement of Bruce Power, Framatome has made great efforts to engage members of local indigenous communities in order to fill various technical and non-technical positions within the company. Currently at the Kincardine location, five percent of our employees carry Indigenous status. This percentage has continued to grow since the company was established in Kincardine and Framatome Canada is committed to further increasing this percentage by continuing to work with local Indigenous communities. Upon suggestion by Bruce Power, Framatome has also been exploring the certification process with Progressive Aboriginal Relations (PAR). Framatome has been motivated by Bruce Power's second gold designation for PAR by the Canadian Council for Aboriginal Business (CCAB).

Through our global experience we also interface with many regulatory bodies. We support the thoroughness of the CNSC process in establishing world-class requirements and expectations under which Bruce Power operates and applaud the detail in the licensing process, but also the public inclusion with being able to participate in commissioning hearings, community meetings.

Bruce Power safely generated enough clean-air electricity to power over 5.2 million homes for the full year in 2017.

When you consider that Bruce Power provides thousands of direct jobs to highly skilled employees, and tens of thousands of jobs indirectly, as well injecting billions of dollars into Canada's economy annually, while at the same time not producing carbon emissions, it would be hard to envision anything except Bruce Power's continued operation well into the future.

Respectively Submitted,



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