



**Written submission from
Sargent & Lundy Canada Company**

**Mémoire de
Sargent & Lundy Canada Company**

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



Canadian Nuclear Safety Commission
c/o Louise Levert, Secretariat
280 Slater St., Box 1046
Ottawa, ON
K1P 5S9

Attention: Members of the Canadian Nuclear Safety Commission Tribunal Chair and Commission Members

On behalf of Sargent & Lundy Canada Company, please consider the following as a show of support for the public hearing regarding Bruce Power's application to renew its nuclear power reactor operating license for the Bruce Power Nuclear Generating Stations A and B in the Municipality of Kincardine, Ontario.

The Bruce nuclear plants have proven to be valuable assets for the economy and energy stability of the Province, industrial and commercial users, and area communities. In addition, Bruce Power is an outstanding corporate citizen and employer.

Sargent & Lundy was delighted to become a member of the Bruce County community in March 2017 when we opened our first office location in Kincardine. We have since gone on to open two additional office locations in the area – all as a result of two things: our ongoing commitment to Bruce Power, whom we have supported dating back to 2001 when Bruce Power first assumed control of the Bruce site; and the regional economic development initiative by Bruce Power and the County of Bruce to facilitate the expansion of Bruce Power Suppliers into the region, an initiative formed in response to Bruce Power's multi-billion dollar, multi-year Life Extension Program.

Not only do we support Bruce Power's long-term view of economic development in the community and the Province, Sargent & Lundy is a prime example of their initiative for the entire region and Province to benefit from its Life-Extension Program through local investments and job opportunities. Bruce Power worked with the Independent Electricity System Operator and the Ministry of Energy to establish the Life-Extension Program, which began Jan. 1, 2016, in an effort to support the life extension of Units 3-8 for safe, reliable operation for their full life.

The Life-Extension Program also includes plans for a Major Component Replacement (MCR) Project, which is expected to run from 2020-36 and extend the life of the site to 2064. In addition to supporting its objective to ensure it maintains its corporate environmental principles of footprint minimization, Bruce Power's MCR also aims to help achieve Climate Change Action Plan goals. Furthermore, the MCR aims to meet the Province's long term energy supply mix requirements of 6,400 megawatts as outlined in the Long-Term Energy Plan. This investment program will leverage Bruce Power's 15 years of experience and secure the long-term future of the site at a competitive cost of electricity for Ontario ratepayers. Approval by the CNSC for Bruce Power's application for a 10-year operating license renewal will allow them to proceed with this Life-Extension Program.



Bruce Power's Ontario presence goes beyond safely delivering clean, reliable, low-cost nuclear power to 30 percent of the Province's families and businesses. One of Bruce Power's core values focuses on social responsibility and being a good corporate partner to its neighboring communities. As one example of this core value, the company has donated approximately \$10 million since 2011 to support programs focused on health and awareness, youth development and education, indigenous programs, military, veterans, and first responders.

Supporting community economic development, contributing jobs to the local economy, and enabling innovation where provincial companies can expand and export, are attributes that Bruce Power considers to be fundamental to their social responsibility. They have built strong roots in Ontario and are committed to maintaining an operation that ensures the protection of the public and environment. This is illustrated by their proven history of safe operation along with their commitment to minimize risk to the public, visitors, contractors, and employees by integrating robust and effective hazard management into their business planning and work activities. Bruce Power displays a clear commitment to its corporate responsibilities, advancing its intentions beyond words on a page to demonstrable action in the community.

Our wholehearted support of Bruce Power's license renewal application is based on our extensive power industry experience. As background, Sargent & Lundy is a professional engineering company that has been a major designer of power plants and plant improvement projects since 1891 and has been engineering nuclear power projects since the first plants in 1954. Bruce Power's proven plant operating approach and sound plan for extending the life of the stations will extend the benefits the plant's deliver well into the future.

Sincerely,

A handwritten signature in black ink, appearing to read "M. Knaszak". The signature is fluid and cursive, with a large loop at the end.

Michael Knaszak
Senior Vice President
Sargent & Lundy Canada Company