



Oral Presentation

Exposé oral

Submission from the Organization of Canadian Nuclear Industries

Mémoire de Organization of Canadian Nuclear Industries

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

Senior Tribunal Officer, Secretariat
Canadian Nuclear Safety Commission
280 Slater Street, P.O. Box 1046, Station B
Ottawa, ON K1P 5S9
Email: cns.interventions.ccsn@canada.ca

Public Hearing Ref. 2018-H-02

Dear Senior Tribunal Officer,

On behalf of the Organization of Canadian Nuclear Industries (OCNI), I would like to express my support for Bruce Power's application to renew its Nuclear Power Reactor Operating Licence for the Bruce Nuclear Generating Stations (NGS) A and B for a period of 10 years.

The Organization of Canadian Nuclear Industries (OCNI) is an association of more than 220 leading Canadian suppliers to the nuclear industry in Canada and abroad. OCNI member companies collectively employ more than 15,000 highly skilled and specialized people who manufacture major equipment and components and provide engineering services and support the 19 operating CANDU nuclear power plants in Canada. OCNI companies also work on medical and other applications of nuclear technology.

OCNI member companies provide a wide variety of equipment and services to Bruce Power. All suppliers who work for Bruce Power must be on an Approved Supplier List (ASL) and must demonstrate that they meet strict requirements for Quality Assurance Programs such as ISO-9001 or Z299/N299. Bruce Power uses industry best practices to conduct Bruce Power Audits or uses NUPIC and CANPAC audits to complete their evaluation of suppliers. I am therefore confident that all work done by suppliers for Bruce Power meets the highest standards of quality.

OCNI supports the 10-year license renewal because Bruce Power has a demonstrated excellent record of safe operations of the Bruce A and B reactors with an emphasis on continuous improvement. I am confident that safety will always remain the top priority for Bruce Power. Moreover, Bruce Power supplies 30% of Ontario's electrical energy at below average cost and with zero GHG emissions. The supply of electrical energy from the Bruce Site is vital to Ontario's economy and the environment.

Bruce Power has developed an Integrated Implementation Plan (IIP) that was submitted to the CNSC in July 2017. Through the IIP Bruce Power has committed to make continuous safety improvements over the next 10 years through practical enhancements of its generating stations.

Bruce Power generates low and intermediate level radioactive waste during routine operations. All activities that normally generate waste are undertaken in a manner that minimizes waste volumes or eliminated wastes where possible. In addition, the re-tube/feeder waste and the waste steam generators resulting from the planned Bruce Power Life Extension Program will be volume-reduced and deposited directly into engineered and shielded waste containers that are ready for long term disposal.

Bruce Power takes its commitment to the environment, the public and our employees very seriously. Bruce Power is investing hundreds of millions of dollars to upgrade its air filtration and monitoring system to reduce releases of any radionuclides from the site.

Bruce Power is seen as a nuclear industry leader around the world. The former CEO of Bruce Power served as Chair of the World Association of Nuclear Operators. Bruce Power executives are also frequently invited to serve on panels at prestigious international nuclear conferences.

Climate change is becoming a serious threat in many regions of the world. Changing weather patterns have caused flooding in some regions and severe drought in others. The continued supply of clean electricity from the eight Bruce reactors, following the Major Component Replacement (MCR) program, will ensure that Ontario maintains a leadership role in clean electricity generation for other jurisdictions to follow. Ontario claimed that Leadership role by shutting down all coal-fired generation in 2014 – partly enabled by return to service of the Bruce A units.

In addition to supplying clean and affordable electrical energy to power Ontario's schools, hospitals, homes and industries, the Bruce B reactors are producing cobalt 60 used in the sterilization of medical equipment and for treatment of cancer which impacts the well-being of Canadians and people around the world.

Bruce Power works closely with its local communities and ensures that they are consulted and informed on Bruce Power's investment plans and operational priorities. OCNI supports Bruce Power's commitment to local economic development and community engagement. We recently opened an office in Port Elgin through which we can more effectively support suppliers who plan to set up operations in Bruce County.

Finally, we are aware that Bruce Power is taking a leading role in both consultation with their local Indigenous communities as well as engagement of Indigenous peoples in their workforce. Following the lead of Bruce Power OCNI has begun our own Indigenous Engagement program to encourage and support Indigenous youth in getting the training needed to take apprenticeship or engineering positions in many of our suppliers who are located near Indigenous bands.

OCNI strongly supports Bruce Power's application to renew its Nuclear Power Reactor Operating Licence for the Bruce Nuclear Generating Stations (NGS) A and B for a period of 10 years.

OCNI would like to intervene through both a written submission and an oral presentation at the Public Hearing on May 30 and 31, 2018 in Kinkardine, Ontario.

Yours sincerely,



Dr. Ron Oberth
President and CEO