



Supplementary Information

Presentation from the Organization of Canadian Nuclear Industries

In the Matter of

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

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

Commission Public Hearing – Part 2

May 28-31, 2018

Renseignements supplémentaires

Présentation de Organization of Canadian Nuclear Industries

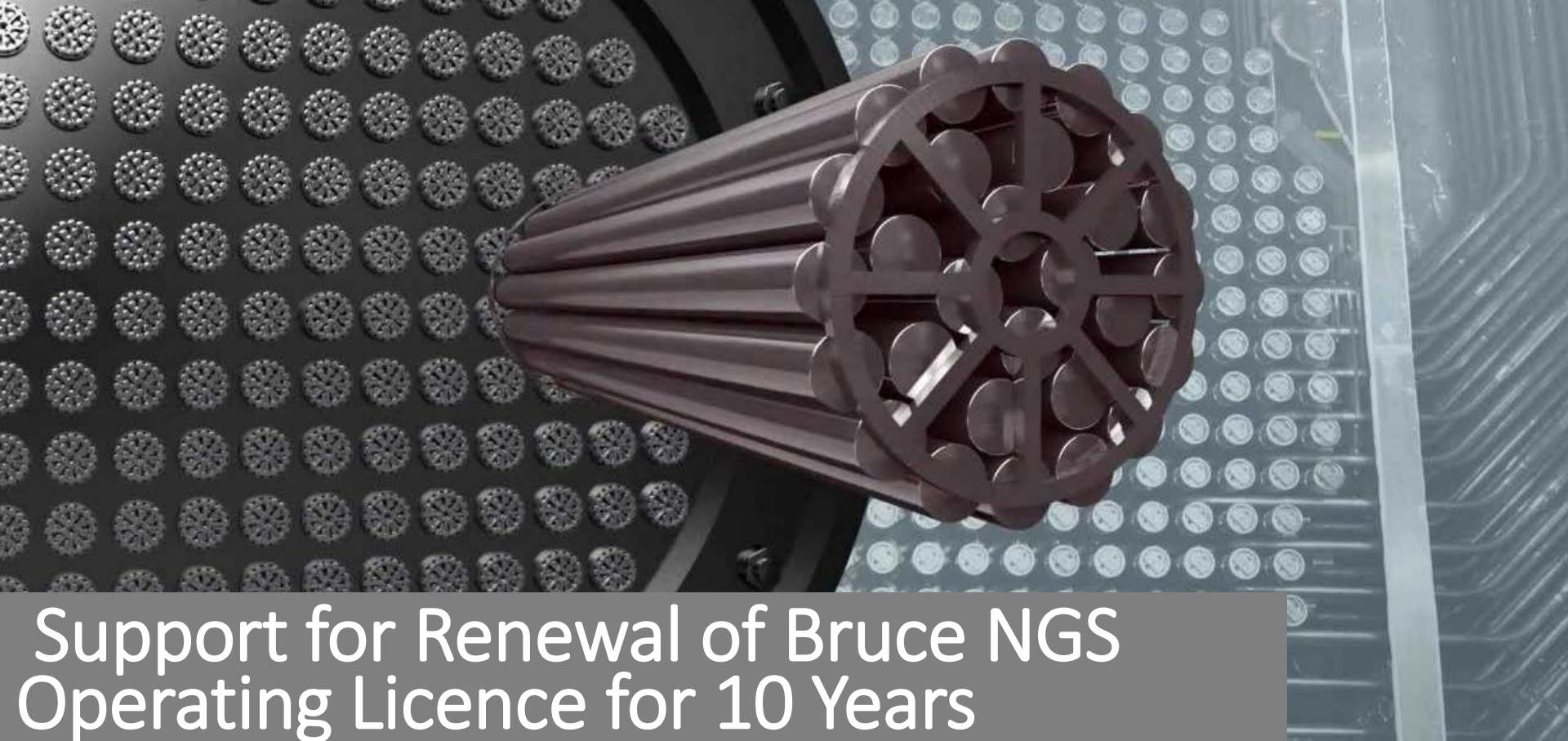
À l'égard de

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

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

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

28-31 mai 2018



Support for Renewal of Bruce NGS Operating Licence for 10 Years

**Presentation to the CNSC Public
Hearing - CMD 18-H4.74
May 29, 2018**

Ron Oberth, President and CEO
Organization of Canadian Nuclear
Industries (OCNI)



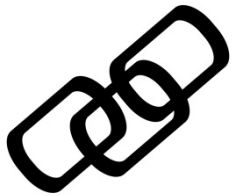
**ORGANIZATION OF
CANADIAN NUCLEAR
INDUSTRIES**

Clean Energy for a Low Carbon Economy

About OCNI

The **Organization of Canadian Nuclear Industries** (OCNI) represents a broad range of Canadian nuclear suppliers – majority of members are SME's

240 members with **15,000** highly skilled people increasing to 20,000 when Ontario refurbishment projects are underway



CONNECTION

linkages between suppliers and utilities .



READINESS

Increase supplier skills



GLOBAL REACH

Develop international opportunities



ADVOCACY

Government and public support

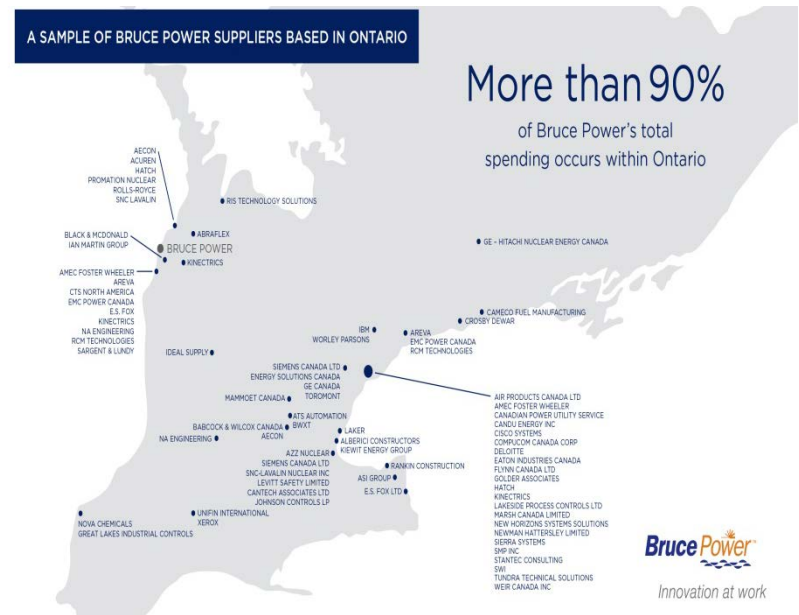


ORGANIZATION OF
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Clean Energy for a Low Carbon Economy

Quality of Plant Components

- Component/Service suppliers must demonstrate nuclear quality programs: ISO-9001, Z299/N299
- Regular Supplier Audits: NUPIC and CANPAC
- > 90% procured in Ontario
- Rigorous defence against counterfeit items



Quality of Operations and Maintenance - Safety and Continuous Improvement

- Nuclear Safety Culture traits embedded

You can count on me.
EVERY STEP. EVERY TIME. **EVERY DAY.**

- Excellent Safety Record – high WANO rating
- **Integrated Implementation Plan (IIP) (July/2017)** ensures that Asset Management Plan is integrated with Periodic Safety Reviews

Radioactive Waste Minimization

- Bruce Power undertakes maintenance activities in a manner that minimizes waste generation
- Re-Tube and feeder waste from the Life Extension program will be volume-reduced and stored in leak-tight and shielded containers ready for long-term disposal in a geologic repository

Environmental Protection

- Bruce Power is committed to protecting the local environment in which the families of Bruce Power employees live and work.
- Bruce Power has invested significant amounts in upgrading air filtration and systems that monitor air-borne releases.

Climate Change Mitigation

- Ontario has passed legislation that commits Ontario to reduce its GHG emissions to 37% cent below 1990 levels by 2030, a 65 Mt reduction.
- This reduction can only be achieved through increased electrification of the industrial, transport and home-heating sectors – **AND by maintaining Ontario's clean electricity system underpinned by continued operation of eight units at the Bruce site.**

Medical Isotopes – Saving Lives

- We all have friends and relatives who are battling cancer- its close to home for me
- My nephew Doug Harvey (Chair of the Manitoba Cancer Foundation) ringing the bell with his wife Jan after his 33 radiation treatments at the Manitoba Cancer Center.
- I don't want to tell the many Doug's and Jan's that we won't be producing medical grade cobalt 60 at the Bruce reactors – because their operating licence was NOT renewed



Local Economic Development

- OCNi actively supports Bruce Power's local economic development initiative
- OCNi opened its Port Elgin Office on March 1, 2018



- OCNi encourages member companies to open offices in Bruce County and support initiatives such as “Project Innovate” and the “Applied Research Centre”.
- Continued safe operation of Bruce reactors is vital to the community and its citizens

Indigenous Relations - Inclusion

- OCNi supports Bruce Power in its program to create opportunities for Indigenous youth in the nuclear industry
- OCNi launched a complementary initiative to encourage/enable suppliers to hire Indigenous youth from their local territories across Ontario (MAESD Grant)
- OCNi shares an office in Port Elgin with the Bruce Power Indigenous Relations Suppliers Network (IRSN)



OCNI strongly supports the Renewal of Bruce NGS Operating License for 10 years

- Bruce Power is a world-class nuclear operator with an excellent safety and environmental record
- Bruce Power continues to invest in maintaining/upgrading plant systems
- Safety culture is the cornerstone of Bruce Power operations

You can count on me.
EVERY STEP. EVERY TIME. **EVERY DAY.**

- Ontario needs clean power from Bruce to meet its GHG emission reduction targets
- The community needs Bruce Power
- Medical grade cobalt 60 from Bruce Power saves lives

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