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 l’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)
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
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-born 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

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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