



Supplementary Information

Presentation from the Organization of Canadian Nuclear Industries

In the Matter of the

**BWXT Nuclear Energy Canada Inc.,
Toronto and Peterborough Facilities**

Application for the renewal of the licence for
Toronto and Peterborough facilities

Commission Public Hearing

March 2 to 6, 2020

Renseignements supplémentaires

Présentation de l'Organization of Canadian Nuclear Industries

À l'égard de

**BWXT Nuclear Energy Canada Inc.,
installations de Toronto et Peterborough**

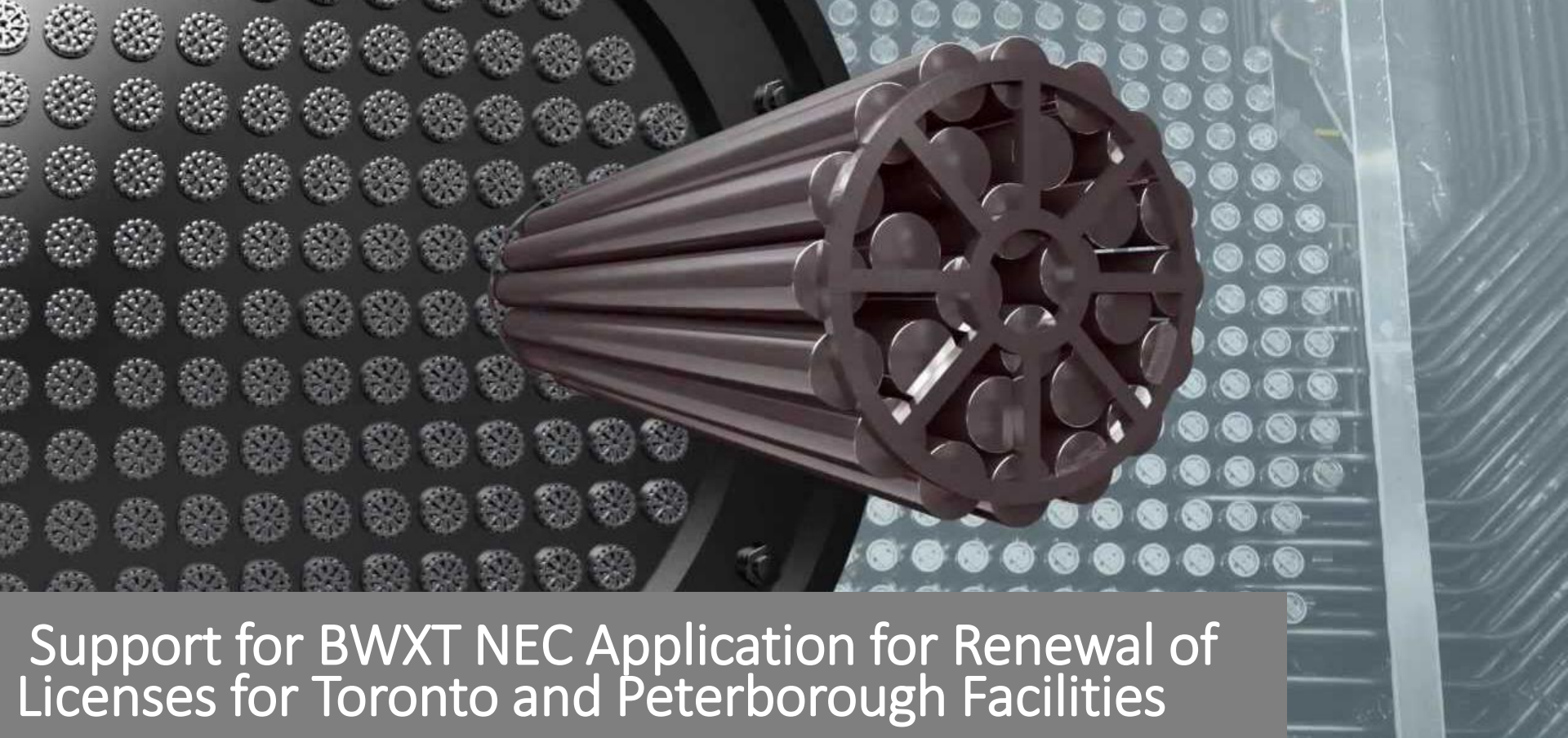
Demande de renouvellement du permis pour les
installations de Toronto et Peterborough

Audience publique de la Commission

Du 2 au 6 mars 2020

*This page was intentionally
left blank*

*Cette page a été intentionnellement
laissée en blanc*



Support for BWXT NEC Application for Renewal of Licenses for Toronto and Peterborough Facilities

Presentation to the CNSC Public Hearing - CMD 20-H2.36
March 6, 2020

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



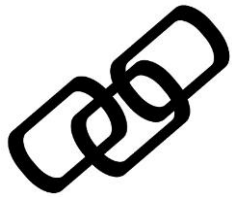
OCNI | ORGANIZATION OF
CANADIAN NUCLEAR
INDUSTRIES

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

250 companies with **15,000** highly skilled workers - increasing to 20,000 when Ontario refurbishment projects are underway



CONNECTION

linkages between suppliers and utilities



CAPABILITY

Increase supplier skills and capacity



GLOBAL REACH

Develop international opportunities



ADVOCACY

Government and public support

BWXT NEC History - numbers

- Years of experience in supplying CANDU fuel and reactor components to domestic and offshore customers - **50+**
- Years as member of OCNI - **35**
- Recent visits to BWXT NEC Plant in Peterborough by foreign delegations and government officials ~ **12**
- Years on OCNI Board of Directors – **10**
- Releases at /above regulatory limits - **0**

Top Priority – Safety of Employees and Public

- Quality Assurance Procedures – Committed adherence at all levels: C-Suite to Shop Floor
- Strive for Continuous Improvement
- Employee Training - ongoing
- Nexus of quality/safety/environment
 - 60 years as integral part of Peterborough fabric

Water and Air Emissions - 2018

(compared against new licence release limits)

- Uranium -Peterborough and Toronto
 - Water: % of Regulatory Limit - **0.02% to 0.3%**
 - Air: % of Regulatory Limit - **.001% to 0.9%**
- Beryllium –Peterborough
 - Water: % of Regulatory Limit - **0.01%**
 - Air: % of Regulatory Limit - **0.04%**

Environmental Risk Assessment (ERA)

- The ERA must be conducted in accordance with the Canadian Standard Association (CSA) N288.6-12, *Environmental risk assessments at Class I nuclear facilities and uranium mines and mills, 2012*.
- An ERA was undertaken to determine whether there would be negative environmental effects from current or possible future emissions associated with producing pellets at BWXT NEC's Peterborough facility.
- *Overall, estimated emissions associated with consolidated pellet production at the Peterborough facility, and associated risks are determined to be low.*

Community Engagement

- Regular Community Newsletters – inform/engage
- Employees in the Community – Community BBQ's
- Plant Tours
- Community Liaison Committees
 - Toronto - formed in 2013
 - Peterborough – forming in 2020
- Volunteerism
 - “BWXT Volunteer Strong”



Summary

- BWXT NEC has been an integral part of a very successful Canadian nuclear industry for 50+ years
 - Ontario: Leading low-GHG emitting electricity system
 - Production of life-saving medical isotopes at CNL/ Pickering / Bruce / Darlington(future)
- BWXT NEC has demonstrated excellent Environmental, Social and Governance (ESG) principles throughout its 60 year history
- BWXT NEC is recognized around the world as a leading supplier of nuclear fuel, reactor components and nuclear inspection systems

Conclusion

- ***OCNI strongly supports BWXT NEC's Application to renew its Class IB Fuel Facility Operating Licenses for Peterborough and Toronto including the flexibility to produce fuel pellets at both the Toronto and Peterborough facilities.***



www.ocni.ca

Ron Oberth

President & CEO

ron.oberth@ocni.ca

905-839-0073



ORGANIZATION OF
CANADIAN NUCLEAR
INDUSTRIES

Clean Energy for a Low Carbon Economy

1550 Kingston Road, Suite 219 • Pickering, ON, L1V 1C3