



Oral Presentation

Exposé oral

**Written submission from
Bruce Power**

**Mémoire de
Bruce Power**

In the Matter of the

À l'égard de

BWXT Medical Ltd.

BWXT Medical Ltd.

Application for a Class IB nuclear substance
processing facility operating licence

Demande pour un permis d'exploitation d'une
installation de traitement de substances
nucléaires de catégorie IB

Commission Public Hearing

Audience publique de la Commission

June 9-10, 2021

9 et 10 juin 2021

May 3, 2021

Canadian Nuclear Safety Commission
280 Slater Street
P.O. Box 1046
Ottawa, ON
K1P 5S9

Attention: Canadian Nuclear Safety Commission (CNSC) Tribunal Chair and Commission Members

Re: Hearing Notice No. Ref. 2021-H-05 – BWXT Medical Ltd. Application for a Class IB Licence

On behalf of Bruce Power, I am pleased to confirm our support of BWXT Medical Ltd. application for an operating licence at the Kanata facility. This operation will deliver many benefits to Ontario communities as well as having an international impact on both diagnostic and therapeutic medical interventions.

For more than 60 years, Canada has been a leader globally in the research, development and production of medical isotopes and radiopharmaceuticals. This has meant that Canada has been a global leader in the fight against cancer and keeping our hospitals clean and safe. In Canada and around the world, the need for medical isotopes used in modern diagnostic imaging is ever increasing and concerns about an adequate supply to diagnose heart disease and cancer, are also on the rise. With the National Research Universal reactor in Chalk River having shut down in March of 2018, there is a need for diversification of Canada's radionuclide supply.

The application being brought forward by BWXT Medical Ltd. to help support medical isotope infrastructure will ensure that Canada remains at the forefront of isotope production and enhance Canada's ability to supply life-saving medical isotopes at a time when global production systems are tightening. Having been involved in medical isotope production for decades, Bruce Power is familiar with the present need, and economic benefit of a domestic supply of radionuclides. A Memorandum of Understanding was established between Bruce Power, BWXT, and IsoGen in July 2020 to ensure that a reliable, redundant supply of medical isotopes will be available to Canadians, as well as internationally. By supporting the operating licence, Bruce Power believes that we will be one step closer to solving the recent medical isotope supply chain issues in Canada.

Regards,

James Scongack
Executive Vice President, Corporate Affairs and Operational Services
Bruce Power