

For immediate release

Bruce Power, Ontario Power Generation, collaborate to ensure steady supply of Cobalt-60

TORONTO – *November 7, 2016* – Bruce Power and Ontario Power Generation (OPG) have signed a Memorandum of Understanding that will see the companies work together to ensure a continued long term stable supply of life-saving Cobalt-60.

Bruce Power and OPG currently work with Ottawa-based Nordion to supply 70 per cent of the world's Cobalt-60, which is used to sterilize medical equipment such as hospital gowns, gloves, masks, implantable devices and syringes, as well as some food products. Cobalt-60 is currently harvested from Bruce B's four reactors, as well as three units at Pickering.

"In order to maintain the health and safety of hospital patients, we need to make sure there will not be a shortage of Cobalt-60 once Pickering reaches its end-of-life in 2024," said Jeff Lyash, OPG's President and Chief Executive Officer. "By working together with Bruce Power, we will look for innovative ways to expand our Cobalt-60 production to the Darlington and Bruce A facilities."

Mike Rencheck, Bruce Power's President and CEO, said a joint working group will be established with a number of clear goals related to isotopes and the medical applications of nuclear technology.

"Bruce Power and OPG will continue to engage and advance these areas of cooperation," Rencheck said. "The joint working group will work to align and progress these various initiatives, in order to secure the supply of Cobalt-60 and other related products from Ontario's nuclear fleet."

Learn more about Cobalt-60 and how it keeps the world's hospitals safe at www.cleannuclearpowersafehospitals.com and www.opg.com.

About Bruce Power

Bruce Power operates the world's largest operating nuclear generating facility and is the source of roughly 30 per cent of Ontario's electricity. The company's site in Tiverton, Ontario is home to eight CANDU reactors. Formed in 2001, Bruce Power is an all-Canadian partnership among Borealis Infrastructure Trust Management (a division of the Ontario Municipal Employees Retirement System), TransCanada, the Power Workers' Union and the Society of Energy Professionals. A majority of Bruce Power's employees are also owners in the business.

About Ontario Power Generation

OPG generates safe, clean, reliable, low cost power for the province. More than 99 per cent of this power has no greenhouse gas or smog emissions. OPG's power is priced 40 per cent lower than other generators, which helps moderate customer bills.

For further information, please contact:

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Ontario Power Generation Media Relations
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Jeff Lyash
President and Chief Executive Officer



Michael Rencheck
President and Chief Executive Officer

Memorandum of Understanding:
Securing A Long-Term Supply of Cobalt-60 from Ontario
to Meet Global Health Care Needs

Between

Bruce Power LP (Bruce Power)

and

Ontario Power Generation Inc. (OPG)

Effective Date: November 7, 2016

PURPOSE

The purpose of this MOU is to confirm a bilateral collaboration framework for Bruce Power and OPG to share and where appropriate jointly develop opportunities to secure the supply of Cobalt-60 and other related products from Ontario's nuclear fleet taking into account plans and timing related to the life extension programs at Bruce Power, Darlington and Pickering.

Additionally, both organizations will work together to seek to communicate the important role Ontario's nuclear fleet plays in meeting this important Global Health Care requirement, which will provide the international market and health care providers confidence in the long-term security of supply.

BACKGROUND

- I. The Bruce Power, Pickering and Darlington generating stations provide a low-cost, reliable and clean source of electricity for the province meeting approximately 60% of Ontario's electricity needs. Ontario is committed to the refurbishment of both the Bruce Power and Darlington facilities and the operation of Pickering to 2024.
- II. Bruce Power operates the world's largest operating nuclear generating facility and is the source of roughly 30 per cent of the electricity for the Province of Ontario in Canada. The company's site is in Tiverton, Ontario and is Canada's only private sector nuclear operator. Formed in 2001, Bruce Power is an all-Canadian partnership among Borealis Infrastructure Management (a division of the Ontario Municipal Employees Retirement System), TransCanada, the Power Workers' Union and the Society of Energy Professionals. Bruce Power operates 8 CANDU nuclear units under long-term lease from OPG.
- III. OPG, a successor company of Ontario Hydro, was established in 1999 under the *Business Corporations Act* (Ontario) and is wholly owned by the Province of Ontario. The company operates

a diversified generating portfolio, consisting of two nuclear (Darlington and Pickering), 65 hydroelectric, and three thermal generating stations. Through these generating facilities, OPG generates about 50 per cent of Ontario's electricity.

The 2013 Long Term Energy Plan (LTEP) also outlines the importance of collaboration between the Province's two nuclear operators in order to *"find ways of finding ratepayer savings through leveraging economies of scale in the areas of refurbishment and operations. This could include arrangements with suppliers, procurement of materials, shared training, lessons learned, labour arrangements and asset management strategies"*.

- IV. All nuclear facilities in Canada are regulated by the Federal Government through the *Canadian Nuclear Safety Commission* (CNSC) and as such the Bruce Power and OPG facilities share a common regulatory model.
- V. The Bruce B Units and Pickering Units currently provide 70% of the World's Cobalt-60 supply through Nordion-based Ottawa.
- VI. Cobalt-60 sterilizes single-use medical devices, including masks, gloves, implantable devices, as well as some food products like spices.

The parties accept the following non-binding Memorandum of Understanding.

AREAS OF COOPERATION

The parties endeavour to collaborate with each other to implement the following objectives which will focus this important joint effort.

- a) Share best practises related to existing Cobalt production and management that are currently underway at Bruce B and Pickering.
- b) Working in collaboration with Nordion, identify shortages of Cobalt supply related to the end of the life of Pickering in 2024 and the refurbishment timing of the Bruce B Units and communicate these to relevant decision-makers.
- c) Share information, strategies and collaborate to evaluate long-term Cobalt supply opportunities at Bruce A and Darlington to meet potential shortages or increases in future demand.
- d) Develop joint communications and outreach efforts to reassure the global Cobalt-60 market and health care professionals related to the security of Ontario supply over the long-term.
- e) Evaluate opportunities to engage in International Atomic Energy Agency (IAEA) activities related to the deployment of Cobalt-60 in various applications including but not limited to tackling of the Zika Virus using sterile insect technology (SIT).

ENGAGEMENT & REPORTING

- a) Bruce Power and OPG will continue to engage and advance these areas of co-operation. A joint working group will meet on a regularly scheduled basis to align and advance these various issues with management representatives from both organizations.
- b) This MOU will be made available to the public through the Bruce Power and OPG websites and a joint announcement issued once agreed upon.
- c) An annual *summary report* of collaboration activities related to this project will be prepared through mutual agreement by Bruce Power and OPG, and the report will be jointly published by both organizations.

CHANNEL OF COMMUNICATION AND NOTICES

For the purpose of facilitating the implementation of this memorandum, the single points of contact are:

Bruce Power:

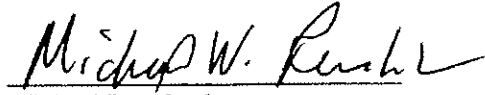
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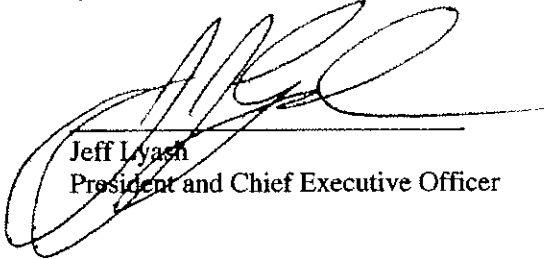
The parties have, by their duly authorized representatives, executed this non-binding Memorandum of Understanding on the Effective Date.

**Bruce Power L.P., by its General Partner
Partner Bruce Power Inc.**



Michael Rencheck
President and Chief Executive Officer

Ontario Power Generation Inc.



Jeff Lyash
President and Chief Executive Officer