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A Billion Curies and Counting: Ensuring Cobalt-60 Supply and Disposal for Decades to Come

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Nordion has been a leader in the production of Cobalt-60, used for prevention and treatment of disease, since the inception of the technology in the 1950s. This product has become a critical component of healthcare, impacting the daily lives of millions of people around the world.

Since the production of the first C-188 Cobalt-60 source in 1964, Nordion has shipped more than one billion curies of Cobalt for use by the gamma processing industry. During this 50 year period, there have been significant changes in technology, regulation and the global supply chain. Our approach to managing the full lifecycle of the C-188, from sourcing to production to transportation to disposal, has allowed us to adapt to these changes and continue to provide a reliable supply of Cobalt to a global customer base

Today, we face a changing reactor landscape and new industry dynamics that offer both challenges and opportunities. Our Extend, Expand, Develop strategy is aimed at exploring a wide array of possibilities for strengthening the supply chain for the coming decades. We now have more than 20 active projects under way, from the development of new technology platforms to enhancement of existing partnerships, as well as the creation of new ones. We also continue to make use of established paths for disposal of spent sources, while pursuing other solutions in order to provide the best options for the industry.

This presentation will describe the evolving industry landscape as we see it, and provide an update on Nordion's efforts and successes around securing supply of Cobalt-60 and managing the complete lifecycle for the long term.

Country/Organization invited to participate

Canada

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