



ENVIRONMENTAL ASSESSMENT REPORT: BEST THERATRONICS CLASS 1B LICENCE APPLICATION

NOTE:

At the time the application was submitted, an EA was carried out under the requirements of the *Canadian Environmental Assessment Act, 2012*. In October 2013, recognizing the CNSC's robust regulatory framework and mandate for the protection of the environment and the health and safety of persons, the EA was seamlessly completed for this project under the NSCA.

The EA Report supports CNSC staff's conclusion under the NSCA that the licensee will make adequate provisions for the protection of the environment and the health and safety of persons.

Presented by: Canadian Nuclear Safety Commission

November 2013

Previous CEAR# 80022



EXECUTIVE SUMMARY

This Environmental Assessment (EA) Report, written by Canadian Nuclear Safety Commission (CNSC) staff for the Commission and the public, describes the findings of the EA review process completed for the application by Best Theratronics Limited (BTL) to replace their existing CNSC licences with a single Class 1B Nuclear Facility Licence for their Ottawa, Ontario facility.

BTL develops, manufactures and sells medical and industrial equipment containing low level radioisotopes at their March Road facility in Ottawa, Ontario. They also store radioactive material that has reached its end of life and is destined for disposal. Under a Class 1B licence, BTL is also proposing to manufacture and test linear accelerators and cyclotrons. This would require retrofitting areas of the building interior and adding safety and security features.

The EA conducted for the BTL proposal showed there were limited interactions between the project and the environment. No significant adverse effects were identified. CNSC staff have completed their review of technical information provided by BTL, and have concluded the project would not likely cause significant adverse effects.

Following public review and any subsequent revisions, the EA Report is being submitted to the Commission. The EA Report supports CNSC staff's conclusion under the *Nuclear Safety and Control Act* that the licensee will make adequate provisions for the protection of the environment and the health and safety of persons.