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## Safeguards for New Types of Nuclear Facilities and Campaigns in Canada

New challenges for safeguards are emerging as a result of proposals for new types of nuclear facilities and decommissioning activities. The Canadian Nuclear Safety Commission (CNSC) is currently reviewing a number of projects that require or will require innovative safeguards solutions. These projects include a long term waste management facility which will contain uranium-bearing wastes, decommissioning activities at nuclear laboratories and research reactors, the development of a deep geological repository for spent fuel, and vendor design reviews of small modular reactor designs. This paper will identify some of the common themes for the safeguards challenges associated with these projects.

### Which "Key Question" does your Abstract address?

NEW1.1

### Which alternative "Key Question" does your Abstract address? (if any)

NEW2.4

### Topics

NEW1

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