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Updating the Domestic Compliance Program to Strengthen Canada's State System of Accounting for and Control of Nuclear Material

The Canadian Nuclear Safety Commission (CNSC) is the State Regulatory Authority (SRA) in Canada and has the mandate to ensure the successful implementation of the Canada-International Atomic Energy Agency (IAEA) Comprehensive Safeguards Agreement and Additional Protocol. A strong and reliable State System of Accounting for and Control of Nuclear Material (SSAC) is essential for an SRA to implement safeguards effectively and efficiently and to be a reliable partner for the IAEA. For this reason, Canada published a new comprehensive regulatory document on safeguards and nuclear material accountancy in February 2018 which consolidated all safeguards regulatory requirements into a single document. This necessitated an update to the safeguards compliance verification program and the development of new evaluation instruments for the conduct of verification assessments and audits. The revisions to the compliance verification program now under way are aimed at ensuring that compliance activities cover all safeguards regulatory requirements with a frequency commensurate with risk and with licensees' compliance histories. So as not to duplicate effort, the CNSC's compliance program will complement the IAEA's own program while also strengthening the safeguards programs of licensees. This paper will describe Canada's regulatory framework, its approach to compliance, and the systematic approach the CNSC has taken in the development of an updated safeguards compliance verification program.

Which "Key Question" does your Abstract address?

SGI1.4

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

SGI4.1

Topics

SGI1

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