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The strengthening of the national safeguards system through an integrated 3S approach: a Cuban perspective.

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The paper describes the nuclear infrastructure developed for more than 30 years in Cuba and how the implementation of IAEA's safeguards took place since the comprehensive safeguards agreement and its additional protocol were in force.

The National Centre of Nuclear Safety is the national regulatory body with regulation, authorization and control responsibilities. A control regime has been established for the peaceful and secure use of radioactive materials, including the nuclear materials. Both systems have their own mechanism, but avoiding duplicates they make use of synergies in their control.

Since 2010 an integrated nuclear security support plan has been implemented in Cuba. As part of the national security regimen it has followed a preventive approach and multi-institutional cooperation. A proper combination of "defense in depth" and "graded approach" principles in developing the multiple layers security detection architecture has been developed with positive impact on the security of the radioactive materials, including the nuclear materials. The mechanism for the import/export control of materials and equipment relevant to safeguards has been enhanced.

The paper also highlights potential good practices for States with Small Quantity Protocols when implementing their safeguards commitments. As a conclusion, the safeguards implementation in Cuba has been strengthened by the advantage of synergies in the use of safety and security mechanisms developed.

Which "Key Question" does your Abstract address?

SGI4.3

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

SGI1.4

Topics

SGI4

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