



Contribution ID: 183

Type: **Wedge Participant**

3S integration to support efficient and effective implementation of key Safeguard requirements: an overview of emerging state practices

Monday, 5 November 2018 17:25 (5 minutes)

This paper will argue that integrated approaches to nuclear safety, security and safeguards (3S) are important to support effective implementation and efficient investment of resources in developing countries. The paper will also identify a series of key legislative and regulatory steps countries can take in this direction as they set out to establish or overhaul their regulatory frameworks.

Many successful case studies of 3S integration focus on states with large nuclear industries and regulatory bodies, aiming to solve problems of coordination and duplication of work. By contrast, developing countries often concentrate responsibility for these policy areas within the same bodies because of constraints on the availability of economic resources and expert staff. However, most of the international assistance currently on offer to these countries maintains the separation between safety, security and safeguards, and does relatively little to explore the potential synergies.

VERTIC has a long-established expertise in providing legislative and regulatory support to countries on the implementation of requirements arising from nuclear safeguards and nuclear security. Drawing on our knowledge, and on the experiences of some of the countries we have worked with, we aim to provide an overview of emerging state practices, supplemented and organised through our own analytical work.

Looking at the role of national legislation and regulatory bodies, the paper will identify common requirements and recommendations across safety, security and safeguards, based on international agreements, best practices and guidance issued by the IAEA and other bodies. The paper will then identify implementation “building blocks” such as legal provisions, organisational principles, and regulatory practices that states can put in place to fulfil key obligations across the three areas. This could help countries with limited resources to minimize waste and duplication of work, and improve the effectiveness of their regulatory framework. These “building blocks” do not represent a complete model of legislation or regulatory system, but rather a starting point for countries to build on.

Given the scope of the Symposium, the paper will focus specifically on functions and “building blocks” of particular importance for Safeguards implement

Which “Key Question” does your Abstract address?

SGI1.4

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

SGI4.3

Topics

SGI1

Primary author: Mr MUTI, Alberto Luigi (VERTIC)

Presenter: Mr MUTI, Alberto Luigi (VERTIC)

Session Classification: [TEC] Recent Examples of Innovation in Safeguards

Track Classification: Leveraging technological advancements for safeguards applications (TEC)