Developing Safeguards Training Material for Management and General Staff of Facilities

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ESARDA IS Working group

S04: Innovative Methods for Training
Overview

1. The ESARDA IS working group identified the need of additional training for management and general staff
2. Start-up sub-working group in 2013
3. Development of first version table of content for the training
4. First version presented at the 36th annual ESARDA meeting in Luxembourg during a joint session with TKM working group
5. Gathered feedback from the audience
6. Development of second version table of content for training, based on the gathered feedback

Future further elaboration of the training material for management and general staff to establish a useful training module
ESARDA IS working group

• **Objective**: provide safeguards community with proposals and expert advice on the implementation of safeguards concepts, methodologies and approaches aiming at **enhancing the effectiveness and efficiency of safeguards on all levels** and serve as a forum for exchange of information and experiences on safeguards implementation.

=> Awareness of safeguards within the management and general staff is low
Sub-working group

• Start-up 2013
• Objective: Elaborate safeguards training material for management and general staff of facilities
• First proposal for table of contents: May 2014
• Cooperation with TKM WG: May 2014
• Adjustment of first version: September 2014
Content of the training

1. Introduction
1.1 WHY: What is the risk (info on atomic weapons)
1.2 HOW to PREVENT: The non-proliferation regimes NPT, Export Control)
1.3 HOW to DETECT: IAEA Safeguards, CTBT
1.4 RESPONSE: Sanctions, the value of safeguards for a State and Operators
1.4 Movie of a safeguards inspection
1.5 Q&A about the movie
Content of the training

2. Legal obligations
   2.1 Treaty on the Non-Proliferation of Nuclear Weapons
   2.2 The Comprehensive Safeguards Agreement (Bilateral (SSAC) and Multilateral (RSAC))
   2.3 The Additional Protocol & Export Control
Content of the training

3. Practical implications
   3.1 The Safeguards Terminology Quiz
   3.2 Design of the facility (only for new facilities)
   3.3 Description of the facility (BTC/FA)
   3.4 Accountancy
   3.5 Containment and surveillance
   3.6 Inspection and Complementary Access
Content of the training

4. How to support safeguards in your organisation?
   4.1 Discussion
   4.2 Organisational structure & responsibilities.
   4.3 Point Of Contact
   4.4 Accountancy reports + declarations
   4.5 Safeguards equipment
   4.6 Accompaniment of inspections
   4.7 Establishing safeguards culture in the organisation
   4.8 Available training for safeguards personnel
5. Q&A
Next steps

• Further elaboration of training material:
  1. Development of training module for the management
  2. Development of training module for the general staff

• Testing of the training module

• Adaptation of the modules depending on the feedback of the test