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ALGERIAN EXPERIENCE IN TRAINING PROGRAM OF SAFEGUARDS PERSONNEL

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The purpose of this paper is to describe the Algerian experience in the safeguards training program. Qualification and training of nuclear facilities personnel is very important for the International and National safeguards implementation. To meet this need, COMENA has launched a training program dedicated to prepare nuclear facilities staff with relevant competence and skills in order to maintain a sustainable effective State System of Accounting for and Control of Nuclear Material. The first Algerian safeguards training program has been implemented by the COMENA in 2014. A group of trainees were selected, the candidates were master or engineer graduated, in physics, chemistry or engineering.

The aim of this training program is to prepare and to strengthen the nuclear facilities personnel in building-up knowledge, skills and attitudes required to conduct successfully the safeguards related activities, in particular those relating to the management of the accounting for and control of the nuclear materials at the level of facilities.

The training program has been developed according to the systematic training approach. This methodology is based on the following five steps: analysis, design, development, implementation and evaluation.

This training consists of classroom lectures, practical and laboratory exercises, technical visits at nuclear facilities and evaluation of the trainees. Topics of the training program include basic courses on the nuclear fuel cycle and specific courses concerning the accounting for and control of nuclear material system.

In order to familiarize the representatives of SSAC and operators with application of Non Destructive Assay methods for verification of nuclear materials, the participants have been trained to use NDA technics, instruments and equipment for verification of nuclear materials.

As continuity of Nuclear Safeguards training Program to enhance technical skill, the trainees attended some short courses organized at Nuclear Research Center of Draria on the fundamentals of inspection. The objective was to provide participants with fundamental skills and practices to plan, conduct, and report on nuclear security and safeguards inspections.

Respecting a systematic approach to continuing training, some trainees have also attended in the last two years the safeguards courses (Accounting for and Control of Nuclear Material) organized by the IAEA.

Which "Key Question" does your Abstract address?

SGI3.6

Topics

SGI3

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