

# **Summary Report**

## **ANSN Education and Training Topical Group**

### **Regional Workshop on the Development of Nuclear Safety Knowledge Management Programme for Regulatory Bodies**

Manila, Philippines  
14-18 November 2022

#### Background

The IAEA is providing technical assistance and support to Member States in education and training. In this regard, several regional and national activities were organized to increase awareness on the importance of establishing and/or strengthening regulatory training system and integrating it into the organizational management system.

This year a regional workshop was organized to present the current IAEA work on the management of training system in nuclear and radiation safety for the Regulatory Body and their Technical Support Organizations.

#### Objectives

The primary objective of the meeting was to present latest developments and share experiences in managing training system in nuclear and radiation safety, in particular on development and updating of training programs, identification and certification of trainees, evaluation of training effectiveness.

The meeting focused on the application of principles of Systematic Approach to Training and management of training within an integrated management system, the development of training schemes for different job positions including initial, refresher and other specialized training programmes, practices of personnel certification in nuclear and radiation safety. Role of different learning techniques were discussed like e-learning, mentoring, on-the-job training, etc., and the roles of national, regional and international training courses and training centres.

#### Work Done

##### **First day of the Regional Workshop**

In the Opening Session Ms A. E. Conjares, representative of PNRI and Mr G. Macsuga, Technical Officer of ANSN ETTG welcomed the participants. The opening was followed by self-introductions of participants. Mr. Macsuga presented the objectives of the meeting, and the agenda was adopted.

In the first session a presentation was delivered on IAEA Strategic Approach to Capacity Building. Then the national strategies on building and sustaining capacity in nuclear and radiation safety in Finland, the Philippines and Pakistan

respectively were introduced. Lastly Mr. Sadiq described the principles of 'Systematic Approach to Training'. The list of IAEA Safety Standards and guidance relevant to competence development in nuclear and radiation safety for regulatory body was also introduced.

### **Second day of the Regional Workshop**

The next session was about the management of training within an integrated management system of Regulatory Bodies. The presentations covered the models of capacity building system, the management of training activities (HR policies, guides, and instructions) and the evaluation of effectiveness at different levels of the training system (feedback, surveys, exams, interviews, meetings, monitoring of individuals development, follow-ups, advanced courses) of Regulatory Bodies in Finland, Philippines and Pakistan respectively.

In the Session on country presentations the participants presented the national strategies; systematic approaches to training; assessment of competence needs; training management; challenges for education and training; networking and sharing in education and training; and future plans in their respective countries.

### **Third day of the Regional Workshop**

The next session was devoted to management of training programmes and the role of the different learning techniques. The national approaches and practices were presented by the invited experts from Finland, Philippines and Pakistan respectively.

### **Fourth day of the Regional Workshop**

During the case study session the participants exercised practical work on management of training system at the Regulatory Body of Republic of Fantasia divided in 3 stages (Stage 1: Basis of the training system; Stage 2: Training needs and program design; Stage 3: Training program implementation plan & Evaluation of effectiveness).

### **Fifth day of the Regional Workshop**

Each Working Group presented their activities as outputs of the case study exercises related to one of the training stages respectively.

During the final discussion the participants expressed their gratitude to the organizers for hosting the regional meeting.

The regional meeting was finished with a closing session. Ms A. E. Conjares officially closed the meeting.

### Workshop achievements / Recommendations

All the objectives of the regional meeting of the ANSN ETTG were achieved: the latest developments were presented and the experiences in managing training system in nuclear and radiation safety were shared.

The invited experts delivered presentations on the development and updating of training programs, identification and certification of trainees, evaluation of training effectiveness. Education and training related information were shared among the participants. The case study session gave an opportunity to exercise in practice the activities related to management of training.

The course evaluation was completed using Survey Monkey questionnaire that allowed an immediate scoring and visualization of the participants' feedback. The feedback in general highly evaluated the regional workshop in all areas and will allow the Technical Officer to conduct a detailed evaluation and identifying areas of improvements for the next editions of the workshop.

Further document to be submitted to the PMO separately:

- a) Final agenda
- b) List of participants
- c) Group photo
- d) Presentations as listed in the Agenda



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