

Regional Training Course on “Radiation Protection System at Nuclear facilities”	
Duration	1 W
Schedule & place	Yerevan, June 1-5, 2015
Content	<p>The regional training course provides an overview of the radiation protection principles requirements and practices to be applied in nuclear installations from the point of view of the radiation safety of workers, public and environment. It includes presentations and discussions on the following topics:</p> <ul style="list-style-type: none"> - Basic aspects of ionizing radiation and their interaction with the matters and detection principles; - Radiological safety objectives, radiation protection basic principles, ALARA approach and safety requirements ; - Conception of the radiation protection system and related monitoring and program; - Provisions to be taken at design level of nuclear facility in terms of conception, design of SSC and technological processes to ensure effective radiation protection; - Classification of exposed workers, dosimetry services, administrative requirements and work procedures, radiation monitoring; - Radioactive source in medical application and radioprotection of patients; - Requirements for the control of the radioactive releases from a nuclear installation under normal operating conditions; - Role and responsibility of the nuclear regulator, authorization-licensing process, safety evaluation and inspection from the regulatory authority. <p>Two practical application sessions are included in the training program.</p>
Achievements	The attendees will attain full knowledge of radiation protection principles for workers and public at nuclear facilities and related key aspects including regulatory controls and requirements.