



INSC Project MC3.01/13

EC Contract N° NSI/2014/343-969

“Training and Tutoring for experts of the NRAs and their TSOs for developing or strengthening their regulatory and technical capabilities”

Regional Training Course

“EU acquis, legal and regulatory framework, regulatory role & responsibilities”

organized by ITER-Consult in East Europe-Central Asia region

Armenia, Yerevan – April 4 – 8, 2016

Best Western Congress Hotel

1st Italy Street, Yerevan - Armenia

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Course Objective

The training course will cover the requirements associated to the process to establish the legal and regulatory framework, to define the roles of stakeholders in the nuclear infrastructure and to establish appropriate nuclear regulatory responsibilities and functions including elements of the nuclear regulator’s independence.

The EU Acquis in the field of nuclear and radiation (N&R) safety, the EU Directives for nuclear safety, for RW and the EU Directive for Basic Safety Standards (BSS) will be presented and commented. Particular attention will be given to the EU requirements for radiation protection as described in the BSS Directive. The current EU Infrastructure for N&R safety will be introduced presenting the functions of DG ENER, ENSREG, WENRA and related working groups activities. Reference to international legal binding instruments and IAEA safety standards will be provided. The needed capacity and competence of the Nuclear Regulatory Authority (NRA) to perform the functions of regulation, technical review, inspection and enforcement and its responsibilities and capacity to manage the interface with the licensee will be presented and discussed. The approaches and EU practices for licensing process and regulatory inspections (and enforcement) will be shown focussing on both nuclear facilities and radioactive sources application.

Practical examples and application are included in the training course program.



resources & energy

Course Daily Program

Wednesday 6 th April 2016	
9.00 – 13.00	Management of Radioactive sources and EU Directive – K. Haroyan (NRSC)
	Emergency preparedness and regulatory function during a nuclear/radiological emergency – T. Malakyan (NRSC)
13.00 – 14.00	Lunch
14.00 – 17.00	EU Directive on Basic Safety Standards for protection of workers, public and environment (BSS) - R. Remetti (ITER), M. Dionisi (ISPRA)
	Role of Radiation protection Expert (RPE) and Radiation Protection officer (RPO) - R. Remetti (ITER)
	Role of Medical physics expert (MPE) - R. Remetti (ITER)

Thursday 7 th April 2016	
9.00 – 13.00	Regulatory inspections on medical application of RS - R. Remetti (ITER)
	Protection from natural sources of radiation and regulatory requirements – R. Remetti (ITER)
13.00 – 14.00	Lunch
14.00 – 17.00	Practical Application

Monday 4 th April 2016	
08.30 – 9.00	Registration
9.00 – 13.00	Welcome, Organizational Aspects, Training Objective, Training Program
	EU legal framework and infrastructure for Nuclear and Radiation Safety – A. Madonna (ITER) IAEA role and function - M. Gasparini (ITER)
13.00 – 14.00	Lunch
14.00 – 17.00	Development of nuclear infrastructure in new countries – A. Madonna (ITER)
	Role and function of the NRA - A. Madonna (ITER)
	Elements of regulatory independence and funding – M. Gasparini, A. Madonna (ITER)

Tuesday 5 th April 2016	
9.00 – 13.00	Resources, competences and staff of a NRA – N. Vlahov (BNRA)
	Establishment of legislative and regulatory framework, development of regulations and guides, international legal instruments – N. Vlahov (BNRA)
	Regulatory inspections for Nuclear facilities and enforcement – N. Vlahov (BNRA)
13.00 – 14.00	Lunch
14.00 – 17.00	EU Directive on Nuclear Safety - N. Vlahov (BNRA)
	EU Directive on RW and SF management - M. Dionisi (ISPRA), A. Madonna (ITER)
	Regulatory licensing function, licensing process and licensing steps – M. Dionisi (ISPRA), A. Madonna (ITER)

Friday 8 th April 2016	
9.00 – 13.00	Security and physical protection of nuclear facilities: regulatory role – K. Haroyan (NRSC)
	International cooperation – A. Madonna (ITER)
	External support to regulatory authority – A. Madonna (ITER)
	Regulatory transparency – K. Slavcheva, A. Madonna (ITER)
13.00 – 14.00	Lunch
14.00 – 17.00	Course summary
	Questionnaire
	Opinion from trainees
	Certificates awarding
	Training Minutes