

Schedule of the IAEA Regional Training Course (RTC) on Physical Protection of Nuclear Material and Nuclear Facilities

Mumbai, India, 18 - 22 November 2013

Date	Time	Module number	Module title
Monday, 18 November	8:30- 9:00		Registration of participants
	9:00 – 9:45		Welcome and Inauguration of the course
	9:45 – 10:00		Introduction of Participants
	10:00 – 10:30		Coffee break
	10:30 - 11:15	1.1	IAEA Nuclear Security Activities and Global Nuclear Security Framework (50)
	11:15 - 11:45	1.2	Introduction to Physical Protection of Nuclear Material and Facilities (11)
	11:45- 12:30	1.3	Radiation Fundamentals (50)
	12:30- 13:30		Lunch break
	13:30 – 14:15	1.4	Nuclear Fuel Cycle Activities (44)
	14:15 - 15:00	1.5	Process of PPS Design and Evaluation (24)
	15:00- 15:15		Coffee break

	15:15 – 16:00	1.6	Legal & Regulatory Framework for PP (20)
	16:00- 16:45	1.7	Facility Characterization and Introduction to Hypothetical Facility (24 + 6)
Tuesday, 19 November	9:00- 9:15		Review of Previous day
	9:15 – 10:00	1.8	Target identification (19)
	10:00 - 10:45	1.9	Threat definition (33)
	10:45 - 11:00		Coffee break
	11:00 – 11:15		Introduction to Subgroup exercises/ Subgroup Formation
	11:15-12:30	1 PE	Exercise on Defining the requirements for PPS
	12:30- 13:30		Lunch break
	13:30- 14:00	2.1	Introduction to Design of Physical Protection System (23)
	14:00- 15:00	2.2	Intrusion detection (64)
	15:00- 15:15		Coffee break
	15:15 - 16:00	2.3	Access control - Personnel (30)
	16:00- 17:00	2.4	Alarm Assessment (52)

Wednesday, 20 November	9:00- 9:15		Review of Previous day
	9:15 – 10:00		Access Control – Contraband (30)
	10:00 – 10:45	2.5	Alarm Communication & Display (55)
	10:45 - 11:00	2.6	Coffee break
	11:00 – 11:45	2.7	Delay (30)
	11:45 – 12:30	2.8	Response (45)
	12:30 - 13:30		Lunch break
	13:30 - 14:45	2 PE	Exercise on Designing PPS
	14:45 - 15:15	3.1	Introduction to evaluation of PPS (17)
	15:15 – 15:30		Coffee break
	15:30 – 16:15	3.2	Adversary sequence diagram (25)
	16:15- 17:00	3.3	Path Analysis (24)
Thursday, 21 November	9:00- 9:15		Review of Previous day
	9:15 – 10:00	3.4	Neutralization Analysis (20)
	10:00- 10:45	3.5	Scenario analysis (27)

	10:45- 11:00		Coffee break
	11:00- 11:45	3.6	Insider analysis (46)
	11:45 – 12:30	3.7	Security of nuclear material in transport (28)
	12:30- 13:30		Lunch break
	13:30 – 14:15	3.8	Cyber Security
	14:15 – 15:00	3.9	Security Culture (38)
	15:30-15:45		Coffee Break
	15:45-17:00	3PE	Exercise on Evaluation of PPS (final)
Friday, 22 November	9:00- 10:30		Presentations by Sub Groups and Discussions on results of final exercise
	10:30- 10:45		Coffee break
	10:45- 11:00	4.1	National experience in physical protection
	11:00- 11:45	4.2	National experience in physical protection
	11:45- 12:30	4.3	National experience in physical protection
	12:30- 13:30		Lunch break
	13:30- 14:00		Evaluation/Feedback questions
	14:00- 14:30		Certificate distribution and closing ceremony