

Train the Trainer for Embarking Countries in Phase 1 of the Milestones Approach - Argonne, Illinois from April 25 - May 13, 2016

Tentative Calendar and Activities Week 1 - (Rev 9, 26 April 2016)

Time	Monday			Tuesday			Wednesday			Thursday			Friday				
	25 April 2016			26 April 2016			27 April 2016			28 April 2016			29 April 2016				
	Location:			Location:			Location:			Location:			Location:				
	Lect. no.	Lecture Topic	Lecturer	Lect. no.	Lecture Topic	Lecturer	Lect. no.	Lecture Topic	Lecturer	Lect. no.	Lecture Topic	Lecturer	Lect. no.	Lecture Topic	Lecturer		
8:30		Administrative Process	ANL Staff	L.1.1	Introduction to IAEA (Roles, Organization, etc.)	M Van Sickle, IAEA	L.2.4 (08:30 to 10:00)	Introduction to the Systematic Approach to Training (SAT)	Braun	L.4.5	Management of Radioactive Waste and Spent Nuclear Fuel	L. Boing, ANL	V	Argonne Site Tour	All Participants		
9:00	L.0.1, L.0.2	Welcome to ANL; Site Safety Briefing	Tanju Sofu, ANL; Tom Kekelik														
9:30	BREAK (20 MIN)			BREAK (20 MIN)			BREAK (30 MIN) (to 10:30)			BREAK (20 MIN)							
9:50	L.0.3	Participant Introductions (using PPT slide for each)	All Participants	L.1.2	Milestones Approach to Nuclear Power Development	Van Sickle	L.3.2 (10:30 to 11:30)	The Nuclear Energy Programme Implementing Organization and Role of Government	Van Sickle	E.4.6	Exercise: Policy for Nuclear Fuel Cycle and Radioactive Waste Management	Working Groups	L.9.1	Stakeholder Involvement Strategies	Van Sickle		
10:50	BREAK (10 MIN)			BREAK (10 MIN)			BREAK (10 MIN)			BREAK (10 MIN)			BREAK (10 MIN)				
11:00	L.2.1	The TTT Concept and Layout of the Course	J. Braun, ANL	L.0.6	Member State Objectives	Member States	L.3.3 (11:30 to 12:00)	Pre-feasibility Studies and Comprehensive Report	Van Sickle	L.1.3	Member State Roadmaps for Nuclear Power Development	Member States	L.9.2	Mapping Stakeholders	Van Sickle		
12:00	LUNCH BREAK (1 HOUR)			LUNCH BREAK (1 HOUR)			LUNCH BREAK (1 HOUR)			LUNCH BREAK (1 HOUR)			LUNCH BREAK (1 HOUR)				
13:00	E.10.1	Exercise: Preparations for Teacher Dry Runs -- Introduction to the Poweria Country Profile	All Participants and Faculty	E.10.2	Exercise: Organize for Poweria's Three Phases and the "Top 10" Key Elements for Phase 1	All Participants & Faculty	E.3.5	Exercise: Role Play - Energy planning for Poweria	Working Groups	L.1.3 (cont'd)	Member State Roadmaps for Nuclear Power Development	Member States	E.9.3	Exercise: Mapping Key Stakeholders	Working Groups		
14:00	BREAK (15MIN)			BREAK (15MIN)			BREAK (15MIN)			BREAK (15MIN)			BREAK (15MIN)				
14:15	L.2.2	Teaching/ Training Principles	Braun	L.4.2	Introduction to Nuclear Power Technology and the Nuclear Fuel Cycle	Deitrich	L.3.4	Management of Nuclear Energy Program Implementation	R. Lindley, ANL	L.1.4	Milestones Self Evaluation Methodology	Van Sickle	D.9.4	Presentation and Discussion of Stakeholder Mapping	Working Groups		
15:15	BREAK (15MIN)			BREAK (15MIN)			BREAK (15MIN)			BREAK (15MIN)			BREAK (15MIN)				
15:30	L.4.1	Introduction to Nuclear Energy and Its Role in the World	L. W. Deitrich, ANL	L.3.1	Energy Planning	B. Hamilton	L.2.3	Effective Presentation Skills	Braun	E.1.5	Exercise: Self Evaluation	Working Groups	E.10.3	Exercise: Teacher Dry Runs	All Participants		
16:30	V.0.4	Visit to the ANL Nuclear Energy Historical Exhibit	All Participants and Faculty										D.0.9	Wrap-up and Discussion of the First Week	All Participants and Faculty		
17:00	BOARD BUS			BOARD BUS			BOARD BUS			BOARD BUS			BOARD BUS				

Train the Trainer for Embarking Countries in Phase 1 of the Milestones Approach - Argonne, Illinois from April 25 - May 13, 2016

Tentative Calendar and Activities -Week 2 (Rev 10, 3 May 2016)

Time	Monday			Tuesday			Wednesday			Thursday			Friday		
	02 May 2016			03 May 2016			04 May 2016			05 May 2016			06 May 2016		
	Location: BLD 223, B-002			Location: BLD 223, B-002			Location: BLD 241, D-172			Location: BLD 223, B-002			Location: BLD 223, B-002		
	Lect. no.	Lecture Topic	Lecturer	Lect. no.	Lecture Topic	Lecturer	Lect. no.	Lecture Topic	Lecturer	Lect. no.	Lecture Topic	Lecturer	Lect. no.	Lecture Topic	Lecturer
	L.7.1	Siting of Nuclear Power Plants	L. Lederman, IAEA	L5.3	Regulatory Principles, Functions and Practices	Mark Cunningham, USA	L.5.1	International Legal Instruments and National Legislative Framework	IAEA by Video	L.6.1	Competency Framework for Nuclear Power	B. Molloy, IAEA	E.5.9	Exercise: Identifying Key Legislative and Regulatory Activities for Phase 1	Working Groups
9:30	BREAK (20 MIN)			BREAK (20 MIN)			BREAK (20 MIN)			BREAK (20 MIN)			BREAK (20 MIN)		
9:50	L.7.2	Siting of Nuclear Power Plants - Environmental and Socioeconomic Considerations	Deitrich	L.5.4	Attributes of a Successful Regulator	Cunningham	L.6.5	Role of Technical Support Organizations	IAEA by Video	L.6.2	Approach to Human Resource Development in Phase 1	Molloy	E.6.6	Phase 1 HRD Considerations Exercise	Working Groups
10:50	BREAK (10 MIN)			BREAK (10 MIN)			BREAK (10 MIN)			BREAK (10 MIN)			BREAK (10 MIN)		
11:00	E.7.3	Exercise: Phase 1 Siting Considerations	Working Groups	L.5.5	Licensing a Nuclear Power Plant	Lederman	L.12.1	JCESR Energy Storage Research	George Crabtree, USA	L.6.3	Preparing to Staff the Regulatory Body	Lederman	D.6.7	Presentation and Discussion of Phase 1 HRD Considerations	Working Groups
12:00	LUNCH BREAK (1 HOUR)			LUNCH BREAK (1 HOUR)			LUNCH BREAK (1 HOUR)			LUNCH BREAK (1 HOUR)			LUNCH BREAK (1 HOUR)		
13:00	L.4.3	Basic Principles of Nuclear Safety and Defense-in-Depth	Deitrich	L.5.6	Interfaces of Nuclear Safety and Security	Lederman (45 min) Cunningham	L.8.1	Fundamentals of Funding and Financing	P. Murphy by Video	L.6.4	Competencies Needed for the Operator Organization	Molloy	L.1.7	Management Systems	Molloy, Lederman
14:00	BREAK (15MIN)			BREAK (15MIN)			BREAK (15MIN)			BREAK (15MIN)			BREAK (15MIN)		
14:15	L.4.4	IAEA Nuclear Safety Standards and Safety Culture	Lederman	E.5.7	Exercise: Policy for Nuclear Safety and Security	Working Groups	L.8.2	Alternative Approaches to Contracting and Ownership	P. Murphy by Video	L.1.6	Intergrated Nuclear Infrastructure Review Missions	Molloy	D.0.10	Wrap-up and Discussion of the Second Week	All Participants and Faculty
15:15	BREAK (15MIN)			BREAK (15MIN)			BREAK (15MIN)			BREAK (15MIN)			BREAK (15MIN)		
15:30	L.5.2	Regulatory Infrastructure for the Safe Implementation of Nuclear Power Programme	Lederman	E.5.8	Exercise: Teacher Dry Runs	All Participants	E.8.3	Exercise: Funding and Financing an NPP Program in Poweria	Working Groups, B. Hamilton	E.10.3	Exercise: Teacher Dry Runs	All Participants	E.10.3	Exercise: Teacher Dry Runs	All Participants
16:30													E.9.13	Coordination Meeting for Final Poweria Exercise	Working Groups, Braun
17:00	BOARD BUS			BOARD BUS			BOARD BUS			BOARD BUS			BOARD BUS		

Train the Trainer for Embarking Countries in Phase 1 of the Milestones Approach - Argonne, Illinois from April 25 - May 13, 2016

Tentative Calendar and Activities - Week 3 (Rev. 10, 6 May 2016)

Time	Monday			Tuesday			Wednesday			Thursday			Friday		
	09 May 2016			10 May 2016			11 May 2016			12 May 2016			13 May 2016		
	Location:			Location:			Location:			Location:			Location: Offsite		
	Lect. no.	Lecture Topic	Lecturer	Lect. no.	Lecture Topic	Lecturer	Lect. no.	Lecture Topic	Lecturer	Lect. no.	Lecture Topic	Lecturer	Lect. no.	Lecture Topic	Lecturer
8:30	L.0.8	Objectives of Week Three	Braun, Molloy	L.9.5	Videoconference with Matt Van Sickle on Member State Objectives	Member States	L.1.8	National, Regional and Interregional Support for Nuclear Power Infrastructure Development	Molloy, Lederman	E.9.12	Mock Lectures	Member States	Plant Tour to the DC Cook Nuclear Power Plant		
9:30	BREAK (20 MIN)			BREAK (10 MIN)			BREAK (20 MIN)			BREAK (20 MIN)					
9:50	E.9.13	Final Preparations for the Final Poweria Exercise	Working Groups	E.9.6	Exercise: Key Issues to Consider for Member States	Member States	E.	Stochastic Models for Financial Planning	E. Nsubuga, B. Hamilton	E.9.12 (cont'd)	Mock Lectures	Member States			
10:50	BREAK (10 MIN)			BREAK (10 MIN)			BREAK (10 MIN)			BREAK (10 MIN)					
11:00	E.9.13	Final Preparations for the Final Poweria Exercise	Working Groups	E.9.7	Exercise: Roles and Responsibilities of Organizations in Member States	Member States	L.0.12	Introduction to the Peaceful Uses Initiative (PUI) Network	B. Hamilton, N. Wren	E.9.12 (cont'd)	Mock Lectures	Member States			
12:00	LUNCH BREAK (1 HOUR)			LUNCH BREAK (1 HOUR)			LUNCH BREAK (1 HOUR)			LUNCH BREAK (1 HOUR)					
13:00	E.9.13	Final Poweria Exercise	Working Groups	E.9.8	Exercise: Preparing an Outreach Plan	Member States	E.9.10 (cont'd)	Exercise: Preparing Outreach Materials	Member States	D.0.11	Next Steps of Implementation	Member States, Molloy			
14:00	BREAK (15MIN)			BREAK (15MIN)			BREAK (15MIN)			BREAK (15MIN)					
14:15	E.9.13	Final Poweria Exercise	Working Groups	E.9.8 (cont'd)	Exercise: Preparing an Outreach Plan	Member States	E.9.10 (cont'd)	Exercise: Preparing Outreach Materials	Member States	D.0.11 (cont'd)	Next Steps of Implementation	Member States, Molloy			
15:15	BREAK (15MIN)			BREAK (15MIN)			BREAK (15MIN)			BREAK (15MIN)					
15:30	L.0.7	Revisiting Member State Objectives of TTT	Member States	D.9.9	Outreach Plan Presentations	Member States	D.9.11	Outreach Material Overviews	Member States	D.0.13	Closing Discussion & Ceremony	Participants, IAEA and ANL Staff			
16:30	E.10.3	Exercise: Teacher Dry Runs	All Participants	D.9.9 (cont'd)	Outreach Plan Presentations	Member States	D.9.11 (cont'd)	Outreach Material Overviews	Member States						
17:00	BOARD BUS			BOARD BUS			BOARD BUS			BOARD BUS					