

Workshop on Developing National Long-Range Nuclear Energy Strategies
Argonne National laboratory, Argonne, Illinois
8 – 19 August 2011

Schedule for Week 1: 8-12 August 2011

Agenda [PESS-part]

Time	Day	Monday 8 August	Tuesday 9 August	Wednesday 10 August	Thursday 11 August	Friday 12 August
9:00 - 10:30		Opening Ceremony, Overview of the Workshop, Argonne Safety Procedure IAEA/ANL	LECTURE 3 IAEA's Analytical Tools for Analysis of Energy Options I. CONCHA (IAEA)	LECTURE 5 Electric Power System Expansion Planning V. KORITAROV (ANL)	LECTURE 8 Dynamic Programming Models for Capacity Expansion Planning V. KORITAROV (ANL)	LECTURE 10 Status and Long Term Trends of Global Nuclear Power Development I. CONCHA (IAEA)
10:30 - 10:45		Coffee/Tea Break				
10:45 - 12:00		LECTURE 1 Energy and Sustainable Development I.CONCHA (IAEA)	LECTURE 4 ANL's Tools for Energy Planning G. CONZELMANN (ANL)	LECTURE 6 Modelling Approaches for Capacity Expansion Planning V. KORITAROV (ANL)	DEMO/WORK SESSION Dynamic Programming Analysis Simulation Results V. KORITAROV (ANL)	LECTURE 11 Tools for the Analysis of Nuclear Energy Systems G. FESENKO (IAEA)
12:00 - 13:30		Lunch Break				
13:30 - 15:00		LECTURE 2 Needs for Long Term Energy Strategies R. CIRILLO (ANL)	DEMO/WORK SESSION Developing a Simple Energy Network G. CONZELMANN (ANL)	LECTURE 7 Screening Curve Approach for Technology Comparisons V. KORITAROV (ANL)	LECTUE 9 Analytical Tools for Electricity Market Assessment G. CONZELMANN (ANL)	LECTURE 12 Modelling Nuclear power and fuel cycle G. FESENKO (IAEA)
15:00 - 15:15		Coffee/Tea Break				
15:15 - 16:45		WORK SESSION Familiarization with Working Site Course Participants	WORK SESSION Simple Energy Network Simulations Course Participants	WORK SESSION Screening Curve Analysis Course Participants	DEMO/WORK SESSION Analytical Tools for Electricity Market Assessment V. KORITAROV (ANL)	WORK SESSION Developing Case Studies Course Participants

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Schedule for Week 2: 15-19 August 2011

Agenda [INPRO-part]

Time	Monday 15 August	Tuesday 16 August	Wednesday 17 August	Thursday 18 August	Friday 19 August
9:00 - 10:30	Introduction to INPRO project R. BEATTY (IAEA)	Infrastructure C. ALLAN (IAEA)	INPRO Physical Protection combined with IAEA Expertise and Services on security B WAUD (IAEA)	IAEA Expertise and Services on Safeguards INPRO Proliferation Resistance (PR) PR quiz R. BEATTY (IAEA)	PRESENTATIONS Results from working sessions Course Participants
	Introduction to INPRO methodology and NESAs F. DEPISCH (IAEA)	Presentation of eNESA F. DEPISCH (IAEA)			
10:30 - 10:45	Coffee/Tea Break				
10:45 - 12:00	Modelling of NESAs G. FESENKO (IAEA)	WORK SESSION Infrastructure Quiz Infrastructure in eNESA	WORK SESSION Physical Protection Quiz Physical Protection in eNESA	Experience with NESAs (Belarus and TECDOC 1636) F. DEPISCH (IAEA)	Closing Session: ANL/R. BEATTY
	Reactor selection process R. BEATTY (IAEA)			SMRs (ANL)	
12:00 - 13:30	Lunch Break				
13:30 – 15:30	Economics C. ALLAN (IAEA)	IAEA safety standards, culture, and services M. GASPARINI (IAEA)	Safety (reactors and NCF) F. DEPISCH (IAEA)	Environment F. DEPISCH (IAEA)	
	Economics (<i>continued</i>) NEST G. FESENKO (IAEA)			Waste Management (WM) R. BEATTY (IAEA)	
15:30 - 15:45	Coffee/Tea Break				
15:45 – 17:00	WORK SESSION Economics Quiz NEST applications	Fukushima, public awareness R. BEATTY (IAEA)	WORK SESSION Safety Quiz Safety in eNESA	WORK SESSION Environment and WM Quizzes WM in eNESA	