

Inter-Regional Training Course on Financing NPPs, ANL, 5 - 9 October, 2015

Agenda vsn 17 (as of 05 October 2015)

Time	Monday		Tuesday		Wednesday		Thursday		Friday	
	05 October 2015		06 October 2015		07 October 2015		08 October 2015		09 October 2015	
	Lecture Topic	Lecturer	Lecture Topic	Lecturer	Lecture Topic	Lecturer	Lecture Topic	Lecturer	Lecture Topic	Lecturer
8:00	Payment Processing	All	Technical, Economic, Environmental Aspects Influencing Competitiveness of Nuclear Power	P. Warren, IAEA	Electricity Market Regulation	Ed Kee	Interactions between the Builder/ Operator and the Regulatory Body	Mark Cunningham	Project Diligence by Financing Entities	Paul Murphy
8:30	Introductions	All								
8:50AM	BREAK (10 MIN)		BREAK (10 MIN)		BREAK (10 MIN)		BREAK (10 MIN)		BREAK (10 MIN)	
9:00	ANL Safety Lecture	Safety Department	Lifecycle Analysis	G. George	Risk Allocation in the EPC Framework	Paul Warren	Economic and Financial Aspects of SMRs (Part A)	G. Locatelli	Country Risk Factors	Paul Murphy
9:35	Continuation of Introductions	All								
9:50	BREAK/ EVALUATION (20 MIN)		BREAK/ EVALUATION (20 MIN)		BREAK/ EVALUATION (20 MIN)		BREAK/ EVALUATION (20 MIN)		BREAK/ EVALUATION (20 MIN)	
10:10	Global and Regional Energy Developments: Status and Trends	G. Conzelmann	Debt Structures: Considerations and Refinancing (Part A)	P. Ameer	Megaprojects in the Energy Field	G. Locatelli	Economic and Financial Aspects of SMRs (Part B)	G. Locatelli	Reputational Risk Factors	Paul Murphy
11:00	BREAK (10 MIN)		BREAK (10 MIN)		BREAK (10 MIN)		BREAK (10 MIN)		BREAK (10 MIN)	
11:10	Overview of Financing and its Relationship to Risk Management	P. Warren, IAEA	Debt Structures: Considerations and Refinancing (Part B)	P. Ameer	Power Purchase Agreements	Ed Kee	Strategic and Non-monetary Aspects of SMRs	G. Locatelli	Contracting Structures	Paul Murphy
12:00	LUNCH BREAK/ EVALUATION (1 HOUR)		LUNCH BREAK/ EVALUATION (1 HOUR)		LUNCH BREAK/ EVALUATION (1 HOUR)		LUNCH BREAK/ EVALUATION (1 HOUR)		LUNCH BREAK/ EVALUATION (1 HOUR)	
13:00	Review of Some Key Ideas in Finance -- A tutorial	P. Warren, IAEA	Practical Exercise: US Loan Guarantee Program	G. George	Stochastic Financial Modelling	G. Locatelli	Insurance	Dan McGarvey	Key Risks in NPP development & financing	Ahab Abdel-Aziz
13:50	BREAK (10 MIN)		BREAK (10 MIN)		BREAK (10 MIN)		BREAK (10 MIN)		BREAK (10 MIN)	
14:00	Energy System Analysis for Nuclear Power Planning	B. Hamilton	Planning / Financing for Radwaste & Decom	Paul Warren, IAEA	Why have projects failed?	Ed Kee	Load Following and Cogeneration with SMRs	G. Locatelli	Practical Exercise: UK CfD and Loan Guarantee Programs	Ahab Abdel-Aziz
14:50	BREAK (10 MIN)		BREAK (10 MIN)		BREAK (10 MIN)		BREAK (10 MIN)		BREAK (10 MIN)	
15:00	The Prospects for Baseload and Nuclear Power	B. Hamilton	Towards COP21: Looking at the Evolution of International Climate Policy	P. Warren, IAEA	Uranium Supply	P. Warren	SMR: Vendor Perspective	C. Colbert	World's first Man-Made Nuclear Reactor --Visit to ANL Exhibit/ Museum	J. Braun, ANL
15:50	BREAK (10 MIN)		BREAK (10 MIN)		BREAK (10 MIN)		BREAK (10 MIN)			
16:00	Practical Exercise: Assessing Competitiveness of Electricity Generation Options	B. Hamilton	Nuclear Fuel Cycle	J. Braun	Nuclear Regulatory Development, Process, and Challenges	Mark Cunningham	Debate: SMRs Should be used to begin a nuclear power program (YES or NO)	All Course Participants	Final Feedback	
			Graduation Ceremony							
17:00	BOARD BUS		BOARD BUS		BOARD BUS		BOARD BUS		BOARD BUS	