

Workshop on Leadership and Management for Introducing and Expanding Nuclear Power Programme, ANL, 10 August - 21 August, 2015

Tentative Calendar and Activities Week 1 Vsn. 8 (as of 07 August 2015)

Time	Monday		Tuesday		Wednesday		Thursday		Friday	
	10 August 2015		11 August 2015		12 August 2015		13 August 2015		14 August 2015	
	Lecture Topic	Lecturer	Lecture Topic	Lecturer	Lecture Topic	Lecturer	Lecture Topic	Lecturer	Lecture Topic	Lecturer
8:00	Distribution of Stipend Funds	S. Hamilton , ANL	L.5.1 Introduction to Siting Issues	L. Lederman, IAEA	L.7.2 Description of the major design features of the GEN3, GEN3+ NPPs and samll and medium reactors (SMRs)	Dennis DeMoss, S&L USA	L.11.4 Human Resources Development -- Part 1	B. Hamilton, Adica Inc. USA	Plant Tour to the D.C. Cook NPP in Bridgeman Michigan	All- Day Tour.
8:30	Welcome to ANL Introduction of course participants	L.W. Deitrich , J. Braun, A. Grelle , ANL							Continue.	Continue.
8:50	BREAK (10 MIN)		BREAK (10 MIN)		BREAK (15 MIN)		BREAK (20 MIN)		BREAK (10 MIN)	
9:00	Introduction of Course Participants	J. Braun, A. Grelle	L.3.2 International legal framework for nuclear safety, security and safeguards	C. Stoiber, USA	L.7.3 Managment and Oversight of NPP Construction	Dennis DeMoss, S&L USA	L.11.4 Human Resources Development -- Part 2	B. Hamilton, Adica Inc. USA	Continue.	Continue.
9:30	ANL Site Safety Briefing	Site Safety Office							Continue.	Continue.
9:50	BREAK (10 MIN)		BREAK (20 MIN)		L.7.3 continues.	DeMoss	BREAK (20 MIN)		BREAK (20 MIN)	
10:00	Video from Vienna L 1.1 - Introducing nuclear energy and infrastructure development in emerging NP countries	Anne Starz L. Lederman, IAEA	L.3.3 Overview of the NRC and its regulatory and licensing processes, incl const. & commissioning phases	C. Stoiber USA	BREAK (15 MIN)		L.13.6 Models, Managing and leading Large Projects (Part 1)	K. Carradine Exelon, USA	Continue.	Continue.
10:30					L.7.1 Technology Assessment(PWRs)	C.M. Launi S&L USA			Continue.	Continue.
11:00	BREAK (10 MIN)		BREAK (10 MIN)		BREAK (10 MIN)		BREAK (10 MIN)		BREAK (10 MIN)	
11:10	L. 1.4 The Role of Nulear Energy in Baseload Planning	B. Hamilton ANL , USA	L.3.1 Building a Regulatory Framework for Nuclear Power	USA M. Cunningham USNRC (ret.)	L.7.1 Technology Assessment(PWRs)	C.M. Launi S&L USA	L.13.6 Models, Managing and leading Large Projects (Part 2)	K. Carradine Exelon, USA	Continue.	Continue.
11:30									Continue.	Continue.
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.11.2 Mangement Systems: IAEA Requirements, Guidance, ad Benefits	L. Lederman, IAEA	EX: Modules:03-05 Poweria Based Exercise Gov, Legal, Reg, Siting (Phase 1 only)	J. Braun , L. Lederman, A. Grelle, All participants	L.11.5 19 Issues & 3 Phases. (Phase 2)	J. Braun, A. Grelle ANL	SMR Concept	C. Colbert, NuScale Power, USA	Continue.	Continue.
13:30									Continue.	Continue.
13:50	BREAK (10 MIN)		BREAK (10 MIN)		BREAK (10 MIN)		BREAK (10 MIN)		BREAK (10 MIN)	
14:00	L.2.1 Evolution and technology of NPPs (Part 1)	L.W. Deitrich , ANL	L.11.1 Mangement Leadership and Safety Culture	J. Braun, ANL, USA	EX: Modules:03-05. Poweria Based Exercise Gov, Legal, Reg, Siting (Phase 2 only)	J. Braun, L. Lederman, A. Grelle, P. Hertznel, All participants	Mod:10. Financial Modelling	B. Hamilton Adica Inc. USA	Continue.	Continue.
14:30									Continue.	Continue.
14:50	BREAK (10 MIN)		BREAK (10 MIN)		BREAK (10 MIN)		BREAK (10 MIN)		BREAK (10 MIN)	
15:00	L.2.1 Evolution and technology of NPPs (Part 2)	L.W. Deitrich , ANL	L. 1.2: Energy & Sustainable Development: Energy Planning and feasibility studies	G. Conzelman, ANL	L.11.6 19 Issues & 3 Phases. Part (III)	A. Grelle, P. Hertznel	Ex.10. 1 Different Financial and Ownership Arrangements	3-4 teams	Continue.	Continue.
15:30									Continue.	Continue.
15:55	BREAK (10 MIN)		BREAK (10 MIN)		BREAK (10 MIN)		BREAK (10 MIN)		BREAK (10 MIN)	
16:05	L.2.2. Intro to CP-1 REACTOR	J. Braun ANL	L.3.4 Key Elememts found in a Regulatory Body	USA M. Cunningham USNRC (ret.)	EX: Modules:03-05. Poweria Based Exercise Gov, Legal, Reg, Siting (Phase 3 only)	J. Braun, L. Lederman, A. Grelle, P. Hertznel, All Participants	Ex.10.2 Report & Discuss Financial Arrange/Ownership	Reports from Team 1, Team2, Team 3, Team 4	Continue.	Continue.
16:30	V. 2.2 Tour of CP-1 Exhibit and Museum	(Bldg 208) J. Braun ANL							Continue.	Continue.
17:00	FINAL CLOSING		FINAL CLOSING		FINAL CLOSING		FINAL CLOSING		FINAL CLOSING	

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Tentative Calendar and Activities for Week 2 Version 8 (as of 07 August, 2015)

Time	Monday		Tuesday		Wednesday		Thursday		Friday	
	17 August 2015		18 August 2015		19 August 2015		20 August 2015		21 August 2015	
	Lecture Topic	Lecturer	Lecture Topic	Lecturer	Lecture Topic	Lecturer	Lecture Topic	Lecturer	Lecture Topic	Lecturer
8:00	Introduction to Week 2	IAEA Staff, J. Braun, A. Grelle	L.8.1 The Nuclear Fuel Cycle	J. Braun, ANL, USA	L.13.3 Management Principles and Practices for Large & Complex Projects/ Lecture and Discussion	S. Brissette, & Videoconference from Bruce Power, Canada	L.8.4 Decommissioning Issues and Challenges	L. Boing ANL, USA	Final Prep for Poweria Presentation	Four teams work alone to Make Final Presentation.
8:30	NPP Cyber Security	S. Bittner, APS, USA								
8:50	BREAK (10 MIN)		BREAK (10 MIN)		BREAK (10 MIN)		BREAK (10 MIN)		BREAK (10 MIN)	
9:00	NPP Cyber Security	S. Bittner, APS, USA	L.13.2 Canadian Perspective Management Systems and Human Resources	S. Brissette, Bruce Power, Canada	L.8.1 Nuclear Waste Management	M. NUTT, ANL USA	L.5.3. Environmental Impact Assessment	Halil Avci, USA	Presentations from NEPIO, Reg, Utility, Site Selection, feasibility.	Four Teams Present
9:30										
9:50	BREAK (20 MIN)		BREAK (20 MIN)		BREAK (20 MIN)		BREAK (20 MIN)		BREAK (20 MIN)	
10:10	L.4.1 Introduction to Safety and Security of Nuclear Facilities	C. Roche, Consultant, USA	Country Report #1	TBD -- Countries with notable Progress	L.13.5 Project Feasibility and Management for New NPP Projects	G. Young, Entergy, USA	Mod.13. Knowledge Management.	A. Grelle, P. Hertz, ANL, USA	Presentations from NEPIO, Reg, Utility, Site Selection, feasibility.	Four Teams Present
10:30			Country Report #2							
11:00	BREAK (10 MIN)		BREAK (10 MIN)		BREAK (10 MIN)		BREAK (10 MIN)		BREAK (10 MIN)	
11:10	L.4.2 State Systems for Accounting and Control of Nuclear Material (SSACs)	C. Roche, Consultant, USA	L. 11.3 The role of the owner's engineer in project development and management	F. Berry S&L USA	L.13.6 Construction Technology and Management for NPP Projects	G. Young, Entergy, USA	Mod.13. Exercise on Knowledge Management, IAEA CONNECT System Etc.	A. Grelle, P. Hertz, B. Hamilton, ANL, USA	Presentations from NEPIO, Reg, Utility, Site Selection, feasibility.	Four Teams Present
11:30									Presentations from NEPIO, Reg, Utility, Site Selection, feasibility.	Four Teams Present
12:00	LUNCH BREAK (1 HOUR)		LUNCH BREAK (1 HOUR)		LUNCH BREAK (1 HOUR)		LUNCH BREAK (1 HOUR)		LUNCH BREAK (1 HOUR)	
12:30									Feedback Session	Faculty and Participants
13:00	Ex.13.1 Beginning of Poweria Exercise	J. Braun, A. Grelle, faculty and Participants (4 teams)	L.10.1 Finance, Contracting, Ownership. Part (I) Financing an NPP: approaches, risks and lessons learned	P. Murphy Millbank USA	Introduction to INPO and WANO	R.E. Spinnato, INPO, USA	Exercise: Poweria. (Preparations for meeting with other Organizations and Government)	Four Teams work alone	BREAK (10 MIN)	
13:30	L.12.1 Stakeholder Involvement	M. Quinn, Consultant, USA								
13:50	BREAK (10 MIN)		BREAK (10 MIN)		BREAK (10 MIN)		BREAK (10 MIN)		Closing Ceremony	Faculty and Participants
14:00	L.12.1 Stakeholder Involvement	M. Quinn, Consultant, USA	L.-10.2 Finance, Contracting, Ownership. Part (II) NP project procurement management and contracting: processes, bid solicitation and evaluation	P. Murphy Millbank USA	L.13.7 Criteria for NPP Selection	G. Young, Entergy, USA	Exercise: Poweria. (Preparations for meeting with other Organizations and Government)	Four Teams work alone		
14:30										
14:50	BREAK (10 MIN)		BREAK (20 MIN)		BREAK (10 MIN)		BREAK (10 MIN)			
15:00	L. 12.2 Public Communications	M. Quinn, Consultant, USA	Mod.10. Finance, Contracting, Ownership. Part (III) To be Determined	P. Murphy Millbank USA	Mod.13.4 IAEA Safety Standards(Road Map)	S. Brissette, Bruce Power, Canada	Exercise: Poweria. (Meeting of related Organizations and Government)	Four teams meet together		
15:30										
15:55	BREAK (10 MIN)		BREAK (10 MIN)		BREAK (10 MIN)		BREAK (10 MIN)		FINAL CLOSING	
16:05	Ex.13.2 Four Group Exercise on Stakeholder Management and Public Affairs	M. Quinn, Consultant, USA	Financial Case Study	P. Murphy Millbank USA	Country Report #3	TBD -- Countries with notable Progress	Final Prep for Poweria Presentation	Four teams work alone to Make Final Presentation.		
16:30					Country Report #4					
17:00	FINAL CLOSING		FINAL CLOSING		FINAL CLOSING		FINAL CLOSING			