

**IAEA/ANL Training course on Leadership and Management of NPP Programmes , 7 - 18 November 2011
Tentative Calendar and Lecturers - Week 1 (Rev 6, 04 November 2011)**

Time	Monday		Tuesday		Wednesday		Thursday		Friday	
	07 November 2011		08 November 2011		09 November 2011		10 November 2011		11 November 2011	
	Lecture Topic	Lecturer	Lecture Topic	Lecturer	Lecture Topic	Lecturer	Lecture Topic	Lecturer	Lecture Topic	Lecturer
8:00	L.0.4. Collection of stipend funds	Hamilton, Participants								
8:30	L.0.1. Opening Ceremony	ANL, IAEA	L.2.1a. Introduction to nuclear reactor technology: nuclear and reactor physics	JC Braun, ANL/NE	L.3.1. IAEA nuclear safety programme	Bezdeguemeli, IAEA	L.2.2.GEN3, GEN3+ NPPs and small and medium reactors (SMRs)	D. Hoffman, Excel Services	L.8.2. Radioactive waste management (RWM) principles and US experience	M. Nutt, ANL/NE
9:00	L.0.2. Introduction of Participants	ANL, Participants			L.3.2. Safety Aspects for Nuclear Power Programme and Building a Regulatory Framework	U. Bezdeguemeli, IAEA				
9:30	L.0.3. ANL Site Safety Briefing	ANL/EQO	Visit to the NE Historical Exhibit	Braun			Break		L/W.15.2 and L/W.15.3. Exercise on building competencies for the NEPIO and RB (Working Groups in parallel)	Faculty and Participants, Lead IAEA (V. Nkong-Njock and U. Bezdeguemeli)
10:00	Break		Break		Break		L.2.2.GEN3, GEN3+ NPPs and small and medium reactors (SMRs)	D. Hoffman, Excel Services		
10:30	L.1.1/1.2. Energy, Sustainable Development, National Energy Strategies and Nuclear Power	R. Cirillo, ANL/DIS	L.2.1b,c. Introduction to nuclear reactor technology: b) thermal hydraulics, c) reactor safety	LW Deitrich, ANL/NE	L.3.3. International legal framework for nuclear safety, security and safeguards	C. Stoiber, USA	L.4.4. Emergency preparedness and response	J. Kozal, USNRC		
11:00										
11:30										
12:00	Lunch		Lunch		Lunch		Lunch		Lunch	
12:30										
13:00	L/D.0.8. Discussion of recent events related to nuclear power - Fukushima accident	Toba, JICC (Japan), IAEA, Participants	L.4.1. SSG-16: A roadmap for implementation of the IAEA Safety Standards	U. Bezdeguemeli, IAEA	L.3.4. Overview of the NRC and its regulatory and licensing processes, incl const. & commissioning phases	C. Stoiber, USA	L/D.14. Visit to Braidwood NPP Training Center (Darren Stiles, Exelon, contact person)		L/W.15.2 and L/W.15.3 (cont'd)	Faculty and Participants, Lead IAEA
13:30			L.11.1. Workforce planning and HR development to support introduction of an NP Programme	V. Nkong-Njock	L.8.3. Options for decommissioning and decom'g considerations in design	L. Boing, ANL/NE				
14:00			Break		Break					
14:30										
15:00	L.6.1. Milestone approach and Introducing nuclear energy in emerging NP states + Video	V. Nkong-Njock, IAEA	L.6.3. Infrastructure development through civil nuclear cooperation	V. Nkong-Njock, IAEA	L.4.3. State Systems for Accounting and Control of Nuclear Material (SSACs)	P. Heine, ANL/NE			L/W.15.2 and L/W.15.3. Working Group reports, discussion and feedback	Faculty and Participants, Lead IAEA
15:30			L/W.15.1. Introduction to the exercise on building NEPIO, RB & OO	V. Nkong-Njock, IAEA	D.0.5.a. End of Day Discussion	Faculty and Participants				
16:00										
16:30										
17:00										

L=Lecture; W= Work Session/Exercise; D=Discussion

IAEA/ANL Training course on Leadership and Management of NPP Programmes , 7 - 18 November 2011
Tentative Calendar and Lecturers - Week 2 (Rev 6, 04 November 2011)

Time	Monday		Tuesday		Wednesday		Thursday		Friday	
	14 November 2011		15 November 2011		16 November 2011		17 November 2011		18 November 2011	
	Lecture Topic	Lecturer	Lecture Topic	Lecturer	Lecture Topic	Lecturer	Lecture Topic	Lecturer	Lecture Topic	Lecturer
8:00										
8:30	L.9.2. NPP Project management : Field experience and lessons learned in preparing and	R. Swanson, USA	L.8.1. Nuclear fuel cycle: Overview, fuel supply and spent fuel management options	G. Dyck, IAEA	L.3.5. Transparency and Openess for building a NP Programme	S. Koenick, IAEA	L.10.1. Financing an NPP: approaches, risks and lessons learned	P. Murphy, Milbank, ..., USA	L.5.1. Methodology for site selection and evaluation	S. Koenick, IAEA
9:00										
9:30	Break		L.8.4. IAEA Safety St'ds for FC and Waste Mgmt	G. Dyck, IAEA	L.3.6. Safety assessment of NPP	S. Koenick, IAEA			L.5.2. Environmental impact assessment	H. Avci, ANL
10:00	L.9.3. Management of the construction and commissioning phase: Roles and responsibilities of all	R. Swanson, USA					Break			
10:30			Break		Break		L.10.2. NP project procurement management and contracting: processes, bid solicitation and evaluation	P. Murphy, Milbank, ..., USA	Break	
11:00	L.9.1. The role of the owner's engineer in project development and management	F. Berry, S&L	L.5.4. Stakeholder involvement in US: emphasis on siting	USNRC (TBD)	L.4.2. Safety-security interface and physical protection guidance	S. Koenick, IAEA			L.5.3. IAEA Safety Standards on siting	S. Koenick, IAEA
11:30										
12:00	Lunch		Lunch		Lunch		Lunch		Lunch	
12:30										
13:00	L.9.4. Management of operation of a nuclear power plant	S. Lies, DC Cook NPP, USA	L.0.9b. NPP licencing and commissioning in Ukraine	S. Vybornov, Ukraine	L.7.1. Tech'y Ass'm'nt and Selection/Intro to EPRI and European URDs	C. M. Launi, S&L	L/W.15.4. Public meeting role-play exercise	Faculty and Participants	D.0.6. Final Discussion, Participants' Feedback	ANL, IAEA
13:30			L.0.9c. Russian Bilateral Cooperation	A. Utenkov, Russia	L.7.2. Site Selection - Req'ts, Impacts, Restraints	T. Krause, S&L				
14:00	L.13.1. Management Leadership and Safety Culture	J. Majola, IAEA	L.12.1. Communications with the public	L. Scheele / S.Kerrick, ANS					L.0.7 Closing Ceremony and Award of Certificates	ANL, IAEA
14:30					Break					
15:00			Break		L.7.3. Non-technical Considerations in Tech Selection and Program Implementation	K. Neubauer, S&L				
15:30	Break		L/W.15.4. Introduction and work on public meeting role play exercise	Faculty and Participants	D.7.4. Round-table Q&A	Launi, Krause and Neubauer, S&L				
16:00	L.13.2. Management Systems: IAEA Req'ts, Guidance and Benefits	J. Majola, IAEA								
16:30										
17:00										

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