

7TH CERTIFICATE COURSE ON NUCLEAR ENERGY AND LAW

NUCLEAR LAW ASSOCIATION, INDIA & TERI SCHOOL OF ADVANCED STUDIES, NEW DELHI

MONDAY 2 TO FRIDAY 6 MARCH, 2020

Day 1 (Monday 2 March, 2020): Introduction & Nuclear Science/technology + the IAEA + nuclear liability	
(9:00 AM to 9:30 AM) Inaugural Function	
Topics	Lecturers
(9.30 AM -11.00 AM) Nuclear energy development - nuclear energy fuel cycle - India's nuclear energy program – types of NPPs in India	Ravi Grover, Homi Bhabha Chair Professor, Department of Atomic Energy, Homi Bhabha National Institute (HBNI)
(11.00 AM – 11.30 AM): Tea/Coffee Break	
(11.30 AM – 12.30 PM) The IAEA and its role in the development of Nuclear Law	Wolfram Tonhauser: Head, Nuclear and Treaty Law Section, International Atomic Energy Agency (IAEA)
(12.30 PM – 1.30 PM): Lunch break + Group photo	
(1.30 PM – 2.30 PM) Overview of key international legal instruments in the nuclear field	Wolfram Tonhauser, IAEA
(2.30 PM – 3.00 PM): Tea/Coffee Break	
(3.00 PM – 4.00PM) United States nuclear liability law & case law	Elina Teplinsky, Partner, Pillsbury Winthrop Shaw Pittman LLP (USA)
(4.00 PM – 4.30 PM): Tea/Coffee Break	
(4.30PM – 5.30 PM) The Construction life cycle of a NPP & key contractual milestones, with focus on how liability can get addressed	Elina Teplinsky, Partner, Pillsbury Winthrop Shaw Pittman LLP (USA)
5.30pm onwards: Welcome Drinks & Dinner @ TERI School of Advanced Studies	

Day 2 (Tuesday 3 March, 2020): Radiation biology & Regulatory structures & Nuclear Safety	
Topics	Lecturers
(9.00 AM – 9.30 AM): Summary by 3 students of 3 sessions held yesterday (10 minutes)	
(9.30 AM – 11.00 AM) Basic Radiation Biology for Nuclear Regulatory Purposes	Professor P C Kesavan, Distinguished Fellow, MS Swaminathan Research Foundation
(11.00 AM – 11.30 AM): Tea/Coffee Break	
(11.30 AM – 12.30 PM) The role of the OECD – NEA + Comparative nuclear regulatory structures and regimes in selected countries –evolution and status	Kimberly Sexton Nick, Deputy Head, Office of Legal Counsel, OECD Nuclear Energy Agency
(12.30 PM – 1.30 PM): Lunch break	
(1.30 PM to 2.30 PM) <i>Case studies</i> on best practices in regulation, consent process, comparative studies from other countries, public consultation and involvement	Kimberly Sexton Nick, Deputy Head, Office of Legal Counsel, OECD Nuclear Energy Agency
(2.30 PM – 3.00 PM): Tea/Coffee Break	
(3.00 PM – 4.00 PM) India's nuclear regulatory structure and processes; the Nuclear Safety Regulatory Authority Bill, 2011	Shri Soumen Sinha, AERB
(4.00 PM – 4.30 PM): Tea/Coffee Break	
(4.30 PM – 5.30 PM) Convention on Nuclear Safety & India's participation (and impact of Fukushima disaster on CNS & national implementation)	Smt. Sonal Gandhi, AERB

Day 3 (Wednesday 4 March, 2020):	
Nuclear Liability Regime & India Nuclear Insurance Pool (INIP) & NSG regime/India	
Topics	Lecturers
(9.00 AM – 9.30 AM): Summary by 3 students of sessions held yesterday (10 minutes)	
(9.30 AM – 10.30 AM) International nuclear liability and insurance principles – the evolution of Paris and Brussels conventions – Joint Protocol liability developments post-Fukushima- Vienna Convention and Convention on Supplementary Compensation (CSC) + case study	Patrick Reyners, Scientific Secretary, International Nuclear Law Association
(10.30 AM – 11.00 AM): Tea/Coffee Break	
(11.00 AM – 12.00 PM) International nuclear liability and insurance principles – the evolution of Paris and Brussels conventions – Joint Protocol liability developments post-Fukushima- Vienna Convention and Convention on Supplementary Compensation (CSC) + case study	Patrick Reyners, Scientific Secretary, International Nuclear Law Association
(12.00 PM – 1.00 PM): Lunch Break	
(1.00 PM to 2.00 PM) The Civil Liability for Nuclear Damage Act, 2010 and related Rules	Els Reynaers, MV Kini, Mumbai & Rama Ponangi, Advocate
(2.00 PM – 2.30 PM): Tea/ Coffee Break	
(2.30 PM – 3.30 PM) Briefing on Nuclear Insurance in India: Indian Nuclear Insurance Pool (INIP) and its operation	Swarnima Agarwal, Deputy Manager, Legal Department, General Insurance Corporation of India (GIC Re), and India Nuclear Insurance Pool (INIP)
(3.30 PM – 4.00 PM): Tea/ Coffee Break	
(4.00 PM – 5.30 PM) Nuclear Suppliers Group & IAEA Safeguards - Nuclear trade control & India – India -US Civil Nuclear Agreement – India’s negotiations with NSG - India specific IAEA safeguards agreement	Vinod Kumar, Fellow, Institute for Defence Studies & Analyses (IDSA)

Day 4 (Thursday 5 March, 2020):	
Topics	Lecturers
(9.00 AM – 9.30 AM): summary / presentation by 3 students	
(9.30 AM – 11.00 AM): A risk perspective of typical instances of non-compliance in transport of radioactive material + case studies	A N Nandakumar, Former Head, Radiological Safety Division, AERB
(11.00 AM – 11.30 AM): Tea/ Coffee Break	
(11.30 AM – 12.30 PM): Radioactive waste management (abroad and India – similarities and key differences)	Dr. C.P. Kaushik, NRG, BARC (tbc)
(12.30 PM – 1.30 PM): Lunch break	
(1.30 PM – 2.30 PM): Environmental Impact Assessment procedure & key NGT decisions	Tavinder Sidhu, MV Kini, Delhi
(2.30 PM – 3.00 PM): Tea/ Coffee Break	
(3.00 PM – 4.00 PM) Kudankulam judgment & reflections on approach by Indian judiciary in the event of a nuclear accident	Dipankar Bandyopadhyay, Partner, VERUS Advocates
(4.00 PM) Certificate Distribution & instructions about NPP visit & followed by high tea	
Day 5 (Friday 6 March, 2020): Study visit to Narora Nuclear Power Plant in Uttar Pradesh	