



International School of Nuclear Law

Montpellier, France

27 August – 7 September 2012

Programme

**Nuclear Energy Agency
Organisation for Economic Co-operation
and Development**

**University of Montpellier 1
Montpellier, France**

ORGANISATION FOR ECONOMIC CO-OPERATION AND DEVELOPMENT

The OECD is a unique forum where the governments of 34 democracies work together to address the economic, social and environmental challenges of globalisation. The OECD is also at the forefront of efforts to understand and to help governments respond to new developments and concerns, such as corporate governance, the information economy and the challenges of an ageing population. The Organisation provides a setting where governments can compare policy experiences, seek answers to common problems, identify good practice and work to co-ordinate domestic and international policies.

The OECD member countries are: Australia, Austria, Belgium, Canada, Chile, the Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Israel, Italy, Japan, Luxembourg, Mexico, the Netherlands, New Zealand, Norway, Poland, Portugal, the Republic of Korea, the Slovak Republic, Slovenia, Spain, Sweden, Switzerland, Turkey, the United Kingdom and the United States. The European Commission takes part in the work of the OECD.

OECD Publishing disseminates widely the results of the Organisation's statistics gathering and research on economic, social and environmental issues, as well as the conventions, guidelines and standards agreed by its members.

NUCLEAR ENERGY AGENCY

The OECD Nuclear Energy Agency (NEA) was established on 1 February 1958. Current NEA membership consists of 30 OECD member countries: Australia, Austria, Belgium, Canada, the Czech Republic, Denmark, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Japan, Luxembourg, Mexico, the Netherlands, Norway, Poland, Portugal, the Republic of Korea, the Slovak Republic, Slovenia, Spain, Sweden, Switzerland, Turkey, the United Kingdom and the United States. The European Commission also takes part in the work of the Agency.

The mission of the NEA is:

- to assist its member countries in maintaining and further developing, through international co-operation, the scientific, technological and legal bases required for a safe, environmentally friendly and economical use of nuclear energy for peaceful purposes, as well as
- to provide authoritative assessments and to forge common understandings on key issues, as input to government decisions on nuclear energy policy and to broader OECD policy analyses in areas such as energy and sustainable development.

Specific areas of competence of the NEA include the safety and regulation of nuclear activities, radioactive waste management, radiological protection, nuclear science, economic and technical analyses of the nuclear fuel cycle, nuclear law and liability, and public information.

The NEA Data Bank provides nuclear data and computer program services for participating countries. In these and related tasks, the NEA works in close collaboration with the International Atomic Energy Agency in Vienna, with which it has a Co-operation Agreement, as well as with other international organisations in the nuclear field.

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UNIVERSITY OF MONTPELLIER 1

The University of Montpellier 1 is a direct descendant of the very first university in 12th-Century Montpellier that offered courses in medicine and law.

Today, “UM1” is a multidisciplinary university, comprised of seven faculties and two institutes that offers broad and diverse opportunities for teaching, learning, development, and research. Students have the opportunity to choose from a broad range of course options that have been designed to prepare students for the challenges of the 21st century.

UM1 offers Bachelor Degrees in 3 areas:

- Law, Economics, Management
- Science, Technology, Health
- Sports and Exercise Science and Technology

UM1 also offers Master Degrees in 2 areas:

- Law, Economics, Management
- Science, Technology, Health

In addition to these diploma programs, UM1 offers post-graduate education and training through DIDERIS. DIDERIS is also responsible for administering the International School of Nuclear Law with the OECD Nuclear Energy Agency.

Welcome

Dear colleague,

Welcome to the International School of Nuclear Law. We hope that the programme we have designed will exceed your expectations.

The International School of Nuclear Law was established by the OECD Nuclear Energy Agency in co-operation with the University of Montpellier 1 in 2001 and continues to benefit from the support of the International Atomic Energy Agency.

If you have any questions, comments or concerns now or in the future regarding the International School of Nuclear Law, please contact one of us directly.

Thank you for your participation and we hope that you enjoy your time in Montpellier.

Best regards,

Stephen G. Burns
Head
OECD/NEA Legal Affairs
President
ISNL Supervisory Board

Pascale Idoux
Professor and Director of the
International School of
Nuclear Law
University of Montpellier 1

Paul Bowden
Programme leader
Partner
Freshfields Bruckhaus
Deringer LLP
London, United Kingdom

General Information

Location of ISNL lecture hall

University of Montpellier 1
Espace Richter
Building B
Rue Vendemiaire
Montpellier, France

Closest tram stops

Port Marianne or Rives du Lez

General Montpellier information

Office of Tourism website: <http://www.ot-montpellier.fr/en/>

Lunch

Lunch will not be provided as part of the ISNL programme. Several restaurants and cafes are located within a short walking distance from the ISNL lecture hall.

Local taxi companies

Taxi Bleu du Midi: +33 (0)4 67 03 20 00
Taxi Benoit: +33 (0)6 59 24 51 01

Social events and excursions

Please sign up for these events by the end of the day on Tuesday, 28 August

Additional information regarding these events will be made available during the course.

Monday, 27 August

Welcome reception hosted by the University of Montpellier 1
Meet in the courtyard outside the lecture hall at 17:30

Wednesday, 29 August

Guided tour of Montpellier followed by dinner at Le Grillardin
City tour departing from the Office of Tourism on the Place de la Comédie at 18:30
Dinner at 20:30, Le Grillardin, 3 Place Chapelle Neuve, Montpellier
<http://www.restaurantlegrillardin.com/>

Saturday, 1 September – *optional*

A full-day bus excursion will take place to a number of historical sites in the local area.
Meet in the parking lot outside the lecture hall at 8:30; return around 19:00

Notes

Monday 27 August 2012

Introduction and Overview

09:30 **Welcoming remarks and introduction to the course**
Stephen Burns and Paul Bowden

10:00 **Nuclear Fuel Cycle**
Ron Cameron

11:00 Coffee break

11:30 **Economics of Nuclear Energy in Perspective**
Ron Cameron

12:30 Lunch break

14:00 **Introduction to Nuclear Law**
Stephen Burns

15:00 Coffee break

15:30 **International Institutions and Their Regulatory Role**

- *International Atomic Energy Agency (IAEA) – Peri Lynne Johnson*
- *Organisation for Economic Co-operation and Development (OECD)/Nuclear Energy Agency (NEA) – Stephen Burns*
- *The European Atomic Energy Community (EURATOM) – Wolfgang Kilb*

17:15 **Preview and end of classes**

17:30 **Welcome reception hosted by the University of Montpellier 1**
Meet in the courtyard outside the lecture hall at 17:30

Notes

Tuesday 28 August 2012

**Radiation Protection, Nuclear Safety
and Emergency Management**

08:30 **Health Risks of Ionising Radiation**
Abel Gonzalez

10:00 **International Radiological Protection Standards**
Ted Lazo

11:00 Coffee break

11:30 **The Convention on Nuclear Safety**
Carlton Stoiber and panel

13:00 Lunch break

14:30 **The Convention on Early Notification of a Nuclear Accident
and the Convention on Assistance in Case of a Nuclear
Accident or Radiological Emergency**
Odette Jankowitsch-Prevor

15:30 Coffee break

16:00 **Nuclear and Radiological Emergency Management**
Ted Lazo

17:30 **Preview and end of classes**

Notes

Wednesday 29 August 2012

Regulation of Activities Involving Nuclear Materials

- 08:30 **The TEPCO Fukushima Daiichi Accident: What Happened**
Ted Lazo
- 09:00 **The Impact of Fukushima: Panel discussion**
- 10:30 Coffee break
- 11:00 **The Concept of Nuclear Safety Culture**
Carlton Stoiber and panel
- 12:30 Lunch break
- 14:00 **National Regulatory Activities: The Regulator's Perspective**
Stephen Burns
- 15:30 Coffee break
- 16:00 **National Regulatory Activities: The Industry's Perspective**
Christian Raetzke
- 17:15 **Preview and end of classes**
- 18:30 **Guided tour of Montpellier followed by dinner at "Le Grillardin"**
Guided tour of Montpellier followed by dinner at Le Grillardin
City tour departing from the Office of Tourism on the Place de la Comédie at 18:30
Dinner at 20:30, Le Grillardin, 3 Place Chapelle Neuve, Montpellier
<http://www.restaurantlegrillardin.com/>
- Please sign up for the dinner by the end of the day on Tuesday

Notes

Thursday 30 August 2012

Radioactive Waste Management and Decommissioning

- 09:00 **Multinational Design Evaluation Programme**
Julien Husse
- 10:00 **The Joint Convention on the Safety of Spent Fuel Management and on the Safety of Radioactive Waste Management**
Odette Jankowitsch-Prevor
- 11:00 Coffee break
- 11:30 **Radioactive Waste Management: Industry and Technical Perspectives**
Stanley Berger and Hans Riotte
- 12:30 Lunch break
- 14:00 **The Decommissioning of Nuclear Power Plants: Industry and Regulator Perspectives**
Stanley Berger and Lisa Thiele
- 15:00 **Financing Structures for Decommissioning**
Paul Bowden
- 15:30 Coffee break
- 16:00 **Discussion of scenarios**
- 17:30 **Preview and end of classes**

Notes

Friday 31 August 2012

Transportation and Environmental Concerns

- 08:30 **IAEA video: Safe Transport of Radioactive Materials**
- 09:00 **International Law Governing the Safe and Secure Transport of Nuclear and Radiological Materials**
Gunther Schwarz
- 10:00 Coffee break
- 10:30 **Issues Relating to Uranium Trade, Mining, Transportation, and Control: Industry and Regulator Perspectives**
Lisa Thiele and Stanley Berger
- 11:30 **Panel Discussion**
- 12:30 Lunch break
- 14:00 **The Growing Impact of Environmental Law on Nuclear Activities**
Sam Emmerechts
- 15:00 **Environmental Impact Assessments in the Nuclear Field**
Jorma Aurela
- 16:00 Coffee break
- 16:30 **Discussion of scenarios: environmental issues**
Sam Emmerechts
Jorma Aurela
- 17:30 **Preview and end of classes**

Notes

Saturday 1 September 2012

Optional full-day excursion

Please sign up for this event by the end of the day on Tuesday, 28 August

- 08:30 **Departure from Montpellier**
Parking lot near lecture hall on Avenue de la Mer, in front of the Faculty of Economics
- 09:30 **Arrival at Villeneuvevette and city tour**
- 11:30 **Departure from Villeneuvevette**
- 12:15 **Arrival at St Guilhem le Désert**
Free time for lunch, walking around the small medieval town, swimming or relaxing at the small beach at the “Devil’s Bridge”
www.saintguilhem-valleeherault.fr/
- 16:00 **Departure for Aniane**
Wine tasting at Mas Daumas Gassac
www.daumas-gassac.com
- 18:00-
18:30 **Return to Montpellier**
- 20:00 **Approximate time of arrival in Montpellier**

Sunday 2 September 2012

Free day

Notes

Monday 3 September 2012

Non-Proliferation and Safeguards

- 08:30 **Treaty on the Non-Proliferation of Nuclear Weapons**
Carlton Stoiber
- 09:30 **The Role of the Comprehensive Nuclear Test Ban Treaty Organization in Preventing the Proliferation of Nuclear Weapons**
Lisa Tabassi
- 11:00 Coffee break
- 11:30 **Systems of Security Control: The IAEA Safeguards System**
Laura Rockwood
- 13:00 Lunch break and preparation of the case study
- 15:30 **Case Study: Comprehensive Safeguards and the Model Additional Protocol**
Laura Rockwood
- 17:30 **Preview and end of classes**

Notes

Tuesday 4 September 2012

Disarmament, Nuclear Security and Physical Protection

- 08:30 **Arms Control and Disarmament: Past, Present and Future**
Marshall Brown
- 10:00 **The Code of Conduct on the Safety and Security of Radioactive Sources**
Hilaire Mansoux
- 11:00 Coffee break
- 11:30 **Physical Protection and Illicit Trafficking of Nuclear Materials**
Carlton Stoiber
- 13:00 Lunch break and preparation of scenarios
- 14:30 **The Global Legal Framework Against Nuclear Terrorism**
Walter Gehr
- 16:00 Coffee break
- 16:30 **Discussion of Scenarios: Illicit Trafficking of Nuclear Materials**
Carlton Stoiber
- 17:30 **Preview and end of classes**

Notes

Wednesday 5 September 2012

Export Control, International Trade and Nuclear Project Development

09:00 **Nuclear Power Plant Exporters' Principles of Conduct**
Danielle Kurpershoek

10:00 **Export Control and Trade**
Quentin Michel

11:00 Coffee break

11:30 **Export Control and Trade (continued)**
Quentin Michel

12:30 Lunch break and preparation of scenarios

14:30 **Discussion of Scenarios: Export Control and Trade**

16:00 **Nuclear Project Development: Contracting Issues in Context**
Akos Frank

17:30 **Preview and end of classes**

Notes

Thursday 6 September 2012

Liability and Compensation

08:30 **Liability and Compensation for Nuclear Damage**
Julia Schwartz

10:00 **Modernising the International Regime Governing Nuclear Third Party Liability**
Norbert Pelzer

10:30 Coffee break

11:00 **Nuclear Civil Liability Regimes in Various Countries**
Julia Schwartz

12:30 Lunch break and preparation of the case study

15:00 **Case Study: Third Party Liability Issues**
Norbert Pelzer

17:30 **Preview and end of classes**

Notes

Friday 7 September 2012

Insurance, Keynote Address and Graduation Ceremony

- 08:30 **Insurance of Nuclear Risks**
Sebastiaan Reitsma and Mark Tetley
- 10:00 Coffee break
- 10:30 **Panel Discussion on Nuclear Insurance**
Sebastiaan Reitsma, Mark Tetley, Julia Schwartz, Norbert Pelzer
- 12:00 Lunch break
- 13:30 **Keynote address**
- 15:00 **Discussion**
- 15:30 **Graduation ceremony**