

## **Economic Commission for Europe**

### **Meeting of the Parties to the Convention on Environmental Impact Assessment in a Transboundary Context**

#### **Fifth session**

Geneva, 20–23 June 2011

Item 7 of the provisional agenda

#### **Panel discussion on nuclear energy-related projects**

### **Information on panel discussion on nuclear energy-related projects**

**To be held at the Palais des Nations, Geneva, on Wednesday, 22 June 2011, starting at 3 p.m.<sup>1</sup>**

#### **I. Introduction**

Following the decision of Working Group on Environmental Impact Assessment at its thirteenth meeting (ECE/MP.EIA/WG.1/2010/5 para. 23), a panel discussion on nuclear energy-related projects will be held within the fifth session of the Meeting of the Parties to the Convention on Environmental Impact Assessment in a Transboundary Context.

A background note on the application of the Convention to nuclear energy-related activities (ECE/MP.EIA/2011/5) has been prepared at the request of the Working Group. That note presents information on how the Convention has been and is applied to such activities and highlights good practices. The note is aimed to provide background information on the topic for panellists as well as for the audience. It may also serve as a source of ideas for questions and discussions.

The panel will be moderated by Georges Kremlis, Head of the “Cohesion Policy and Environmental Impact Assessments” Unit, Directorate-General for the Environment of the European Commission, and it will comprise representatives from ministries and national nuclear authorities, intergovernmental organizations and a non-governmental organization.

The panel will begin with introductory remarks by the moderator followed by key points, comments, questions and discussion among panellists. The panel will be proceed in two phases with four panellists first representing their key points, followed by discussion among panellists, and then continuing with the remaining four panellists presenting their key points followed by discussion. After that the panel will be opened for questions and observations from the audience; interventions from the floor should be concise, precise and brief. The discussion will be followed by concluding remarks from the moderator.

The consolidated results of the panel discussion will be presented by the moderator in the high-level segment of the session of the Meeting of the Parties on the following day.

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<sup>1</sup> Exact timing to be confirmed.

## II. Provisional programme

*Panel discussion, 3–5 p.m.*

**Introductory remarks** by the moderator, Georges Kremlis (up to 5 minutes)

**Key points** by panellists in panel 1 (up to 4 minutes per panellist):

- Mr. Andreas Molin, Federal Ministry of Environment (Austria)
- Mr. Jorma Aurela, Ministry of Employment and the Economy (Finland)
- Mr. Jean-Luc Lachaume, Deputy Director-General of the Nuclear Safety Authority (France)
- Ms. Rita Mazzanti, Head of Liaison Office in Geneva, International Atomic Energy Agency

**Comments** by the panellists on the key points (time limit for interventions is 3 minutes per panellist)

**Key points** by panellists in panel 2 (up to 4 minutes per panellist):

- Mr. Stasys Motiejunas, State Enterprise Radioactive Waste Management Agency (Lithuania)
- Mr. Ingar Amundsen, Radiation Protection Authority (Norway)
- Ms. Monika Nauduzaitė, Directorate-General for Energy, European Commission
- Ms. Patricia Lorenz, Friends of the Earth Europe

**Comments** by the panellists on the key points (time limit for interventions is 3 minutes per panellist)

**Observations and questions** from the audience to the panellists (time limit for interventions is 3 minutes)

**Concluding remarks** by the moderator (up to 10 minutes)

### III. Speaker biographies

#### Georges Kremlis (moderator)



Georges Kremlis started his career in the European Union in 1981. Currently he is the Head of the “Cohesion Policy and Environmental Impact Assessments” Unit in the Directorate-General for the Environment of the European Commission. He joined as a Head of Unit in 1995 and has served since then as the Head of the Legal and the Governance Units. Before joining the Directorate-General for the Environment, he was a Legal advisor in the Commission’s Legal Service, with an interruption of three years (1990–1993) in Greece when he exercised the functions of Advisor to the Greek Minister of National Economy, National co-ordinator for the European Community internal market, Head of the European Community Committee under the Greek Prime Minister and Secretary-General for European Affairs in the Ministry of National Economy. He is a Founding and Honorary President and Founding member of a number of different European and International Associations, and a visiting professor in a number of European universities, such as Athens Law School, University Centre of Nancy and University Centre of Luxembourg. He has organized and participated as a moderator or speaker in various seminars on European Union policy and/or law across the Union.

#### Andreas Molin (Austria)



After graduating in technical physics at the Graz Technical University, Andreas Molin worked as a research assistant in the alternate energy physics programme of the Institute of Theoretical Physics of the Graz Technical University. In 1989 he became an expert for energy research in the Federal Ministry of Science and Research of the Republic of Austria, from 1991 onwards in the Division for Energy and Environment in the Federal Chancellery. In this capacity he also acted as one of three Austrian co-ordinators in the preparation of the United Nations Conference on Environment and Development in 1992. Mr Molin was appointed head of unit of general co-ordination of nuclear affairs in the Federal Chancellery already in 1992. Since October 1995 he has been director of the Division of Nuclear Co-ordination – until April 2000 in the Federal Chancellery, since then in the Federal Ministry of Agriculture and Forestry, Environment and Water Management. In this capacity he was involved in numerous transboundary EIA procedures regarding nuclear installations as well as related plans and programmes. Mr Molin represents Austria in the Steering Committee for Nuclear Energy of the Nuclear Energy Agency of the OECD. Currently he is vice-chairman of the European Nuclear Safety Regulators Group ENSREG.

**Jorma Aurela (Finland)**

Jorma Aurela M.Sc (Tech.) graduated from Helsinki University of Technology in 1985 and has worked in the Ministry of Employment and the Economy of Finland since 2002. Currently he is the Chief Engineer of the Energy Department. His responsibilities include nuclear safety issues, nuclear human-resource questions, licensing and environmental impact assessments of nuclear installations, as well as nuclear safety research. Before joining the Ministry he occupied different positions in the nuclear energy field; from 1983 to 1993 and from 1995 to 2002 he worked for a Finnish electricity company called Imatran Voima /Fortum (also in Loviisa nuclear power plant). From 1993 to 1995 he worked for the European Nuclear Society (Berne).

**Jean-Luc Lachaume (France)**

Jean-Luc Lachaume is the deputy director general (DDG) of the French Nuclear Safety Authority (ASN). He has worked in the nuclear field for 25 years. He has a French naval academy degree and a nuclear engineer degree. He served in the French Navy for 18 years. He has worked in the Nuclear Safety Authority for 12 years. Currently he is in charge of the regulation and control of nuclear fuel cycle facilities, radioactive waste disposal including waste from uranium mines, and research reactors in France. He is also in charge of the regulation and control of nuclear medical activities.

**Stasys Motiejunas (Lithuania)**

Stasys Motiejūnas graduated in 1979 from Vilnius University where he gained a diploma in Physics. His postgraduate studies were directed at the application of nuclear methods in the field of solid states physics. From 1991 to 2003 he focussed on environmental protection issues, as head of the Radioactive Substance Unit within the Ministry of the Environment. At that time Mr. Motiejunas represented the Ministry as a national expert on the monitoring of radioactive substances for the Helsinki Commission. An important period was preparation for accession to the European Union: he coordinated transition from former Soviet regulations and the transposition of the requirements of the Euratom agreement and European Union directives on radiation protection. In 2003, he joined the Radioactive Waste Management Agency of Lithuania and has since been responsible for coordinating activities related to the disposal of nuclear waste. From 2004 to 2007 he led implementation of a near surface disposal plan, including site selection and elaboration of an environmental impact assessment programme (scoping) and the report that considered also the impact in a transboundary context. From 2004 to 2006, Mr. Motiejūnas was a member of the International Radioactive Waste Technical Committee at the IAEA. He is also a member of a group of experts that work on implementation of Euratom provisions related to evaluation of the radioactive waste disposal plans to be implemented by the European Union member States.

### **Ingar Amundsen (Norway)**



Ingar Amundsen is the Head of Environmental Management section, at the Norwegian Radiation Protection Authority (NRPA), which is a directorate under the Ministry of Health in Norway. NRPA is also a directorate for the Ministry of Environment and for the Ministry of Foreign Affairs in Norway regarding radioactive contamination and nuclear safety. Mr. Amundsen has a Master of Science in physics from the University of Oslo (1991). Currently he is a Vice Chairman for the Contact Expert Group (CEG), which is a Group under the International Atomic Agency focussing international cooperation regarding nuclear legacy in Russia. He has worked for NRPA since 1991, with an interruption in 1998–1999 when he worked at the Norwegian Ministry of Environment. His fields of expertise include environmental protection, radioactive waste, nuclear safety and regulation. The Environmental Management section at NRPA is responsible for regulation of radioactive waste and discharges to the environment in Norway. One of NRPA's tasks is also to follow Norway's obligations to international environmental conventions.

### **Monika Naudužaitė (European Commission, Directorate-General for Energy)**



Monika Naudužaitė has been working on nuclear energy issues within the European Commission since 2004. While at the “Legal questions & Euratom coordination, international relations” unit (end 2004–2009), she was in charge of international negotiations between Euratom and third countries, the preparation of the Commission's brochure on 50 years of the Euratom Treaty, and was strongly involved in preparation of a legal framework for nuclear safety within the EU. In 2010, in the “Task Force on energy security & nuclear safety” of the former Directorate-General for External Relations, Ms Naudužaitė's duties were focused on nuclear safety assistance to third countries. In her current position in the “International relations & enlargement” unit of Directorate-General for Energy, she has been involved in the consultation process concerning nuclear power plant projects in the neighbouring countries with respect to international conventions. Ms Naudužaitė also gained technical and legal expertise related to nuclear safety, having followed Commission's internal nuclear inspectors' courses and intensive summer courses on nuclear at the Montpellier International School of Law. Ms Naudužaitė is a co-author of “The Directive Establishing a Community Framework for the Nuclear Safety of Nuclear Installations: The EU Approach to Nuclear Safety”, published at Nuclear Law Bulletin (December 2009) of OECD's Nuclear Energy Agency.

### **Patricia Lorenz (Friends of the Earth Europe)**



Patricia Lorenz completed her master's degree in Vienna in interpretation with a focus on nuclear power plant terminology and specialized in nuclear energy. In 1993 she started to work with the Austrian environmental organization Global 2000 (now Friends of the Earth Austria). She focused on the nuclear power plants in the neighbourhood of Austria: Temelin in the Czech Republic; and Mochovce and Bohunice, both in the Slovak Republic. In 2000 Ms. Lorenz joined Friends of the Earth Europe in its Brussels office and

started the “Abolish EURATOM” campaign. In 2002 she organized the Friends of the Earth Europe EURATOM conference in the European Parliament. She also gained expertise and campaigned on many other nuclear issues, such as nuclear liability and nuclear safety, and participated in many EIA/Espoo processes and represents Friends of the Earth Europe at the European Union level, e.g. regarding the nuclear waste and nuclear safety directives. In her current work Ms. Lorenz focuses on the implementation of the Aarhus Convention in the field of nuclear energy.

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