

OECD Nuclear Energy Agency  
Committee on Radiation Protection and Public Health

## **The Future Policy for Radiological Protection**

**A stakeholder dialogue on the implications of the  
ICRP proposals**

**Prague, Czech Republic  
24 – 25 October 2006**

*3<sup>rd</sup> OECD Nuclear Energy Agency Forum  
in collaboration with the  
International Commission on Radiological Protection (ICRP)*

*Hosted by  
The State Office for Nuclear Safety (SUJB)  
Czech Republic*

**Announcement and Preliminary Programme**

<http://www.nea.fr/html/rp/prague/>

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# **The Future policy for Radiological Protection**

## **A stakeholder dialogue on the implications of the ICRP proposals**

*3<sup>rd</sup> OECD Nuclear Energy Agency Forum*

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- *Hosted by the the Czech Republic State Office for Nuclear Safety (SUJB)*

As part of its work, the Committee on Radiation Protection and Public Health (CRPPH) of the OECD Nuclear Energy Agency (NEA) has organised, in collaboration with the International Commission on Radiological Protection (ICRP), several regional dialogue fora to discuss draft versions of the developing ICRP recommendations. Two such meetings have been held in Europe (Taormina 2001, Lanzarote 2003), three in Asia (Tokyo 2002, 2004, 2006), and one in North America (Washington D.C. 2006). This meeting, in Prague, will focus on the implications of what is expected to be the last draft ICRP recommendations to be released for public comment before finalisation and publication. The discussions at the meeting will be supported by views from the earlier, regional discussions (Tokyo 2006 and Washington D.C. 2006) mentioned above, and by a detailed assessment of the draft recommendations made by the NEA's Expert Group on the Implications of ICRP Recommendations (EGIR).

## **Background**

### ***ICRP Recommendations***

In recent years, the ICRP has launched an open process to broaden, elaborate, and consolidate the current set of radiological protection recommendations. The ICRP is presenting new draft proposals and recommendations to the broad radiological protection

community, and seeking a dialogue with all interested parties or stakeholders. The objective of this open process is to arrive at a new generation of ICRP recommendations that are broadly understood and accepted, so they can be effectively and efficiently implemented. The publication of these new recommendations is foreseen in the 2007 time frame.

The preliminary focus of the ICRP development has been on new general recommendations which will replace Publication 60. As part of this process, the ICRP has also identified a need to clarify and update its views on the radiological protection of non-human species. Both of these areas are of great interest to the member countries of the NEA.

### *NEA/ICRP Dialogue*

As an international committee made up of nationally nominated radiation protection authorities and technical experts, the NEA CRPPH has for most of its history actively followed the work of the ICRP. This interest continues as the ICRP develops its new recommendations.

Shortly after the ICRP began to develop its new ideas, with Roger Clarke's *Journal of Radiological Protection* article on controllable dose (*J. Radiol. Prot.* 19 No 2, June 1999), the CRPPH began focusing on how the system of radiological protection could be made more responsive to decision makers, regulators, practitioners and the public. Through a series of expert groups, topical session discussions with the ICRP Chair, and broad stakeholder dialogue fora, the CRPPH has developed a comprehensive series of documents discussing relevant issues, and proposing possible directions to move forward effectively. Since the appearance of the new ICRP ideas in 1999, the CRPPH has developed and published 12 reports specifically concerning development of a new system (see annex), all of which are available from the NEA's web site ([www.nea.fr](http://www.nea.fr)).

It is in this context that the CRPPH is arranging, in collaboration with the ICRP, the 3<sup>rd</sup> NEA/ICRP Forum to discuss the latest, and most likely last draft ICRP general recommendations.

## **Forum Objectives**

- Evaluate and discuss the latest draft ICRP recommendations;
- Discuss how proposed ICRP system of radiological protection can best meet the health and safety needs of national and international radiological protection;
- Continue the open and broad dialogue between stakeholders to reach a common level of understanding of the issues at stake; and
- Contribute in a positive and constructive manner to the evolution of the system of radiological protection.

## **Forum Format**

### ***Attendance***

Attendance at the forum will be open to the public, but will be limited to about 150 participants. Forum discussions will be organised in two ways: through invited presentations, and through breakout-session discussions. This format is designed to favour the participation of the audience, and to promote dialogue among speakers and meeting participants. Pre-registration is required, and because of space limitations, participation will be accepted on a first-come-first-serve basis.

### ***Registration***

As mentioned, Forum participation will be limited, so it is essential to pre-register for the meeting. This can be done electronically at the following web-site:

<http://www.nea.fr/html/rp/prague/>

This site will also be used to post relevant documents for the Forum, as well as practical information such as hotel lists and directions to the Zolfin.

### ***Breakout Sessions***

The main Forum presentations will focus on key aspects of the new ICRP recommendations, and on views and reactions on the draft recommendations from various stakeholders. To complement these presentations, the breakout sessions will focus on more detailed discussions of the key points.

Breakout sessions will be held on the subjects of public radiological protection, worker radiological protection and regulation issues.

The breakout sessions will be chaired by non-ICRP members, who will stimulate discussions based on a short background paper that will be sent to participants in advance.

Participation in each breakout session will be arranged to represent the spectrum of stakeholders participating in the Forum, and will be predetermined.

Discussions during breakout sessions should focus on framing the key issues and their implications on various stakeholders. Broad input from stakeholders is essential for the development process of new ICRP recommendations.

The outcome of each breakout session will be a brief presentation summarising results of discussions, prepared by the session chairs with the help of rapporteurs. These summarising paragraphs will be presented by the session chairs to the Forum plenary and opened for discussion. The final paragraphs will serve as input to the ICRP and as input to a better collective understanding of the identified issues.

### ***Working Language***

The working language of the Forum will be English.

## **Forum Organisation**

This third forum will be hosted by the Czech Republic State Office for Nuclear Safety (SUJB), and organised by the NEA Committee on Radiation Protection and Public Health (CRPPH) in co-operation with the ICRP. There will be no conference fee.

### ***Forum Timing and location***

The forum will be held in **Prague, the Czech Republic, the 24<sup>th</sup> and 25<sup>th</sup> of October 2006.**

### ***Forum Proceedings***

Following the Forum, a short summary paper will be prepared and sent to the ICRP, within approximately 1 week, highlighting the key points of the Forum. Proceedings of the Forum, and a report synthesising the results of the 3<sup>rd</sup> Asian Regional Conference (Tokyo, 5 – 6 July 2006), the North American Regional Conference (Washington D.C., 28 – 29 August 2006), the Forum, and the detailed review of the ICRP draft recommendations by the CRPPH Expert Group on the Implications of ICRP Recommendations (EGIR) will be published by the NEA in due course after the Forum.

## **Arrangement for speakers and chairs**

Speakers are asked to send their papers and power point presentations, if any, to the NEA Secretariat (see address below) in advance of the Forum. In addition, speakers should submit a half page curriculum vitae which will be given to the chair of each session in advance of the Forum. The chair will make introductory remarks from this curriculum vitae.

The chairs will be asked to briefly summarise each session following these presentations.

## **Programme Committee**

The Forum content, format and participation were developed by an ad-hoc programme committee:

Jacques Lochard (CRPPH Chair)  
Lars-Erik Holm (ICRP Chair)  
Sigurdur Magunsson (RASSC Chair)  
Karla Petrova (Czech Republic)  
Margaret Federline (United States)  
Henri Metivier (Rapporteur)

## **Local arrangements**

### ***Meeting Venue***

The meeting will be held in Prague, in the Czech Republic. It is envisaged that the meeting will begin at 09:00 on the 24<sup>th</sup>, and end at about 17:00 on the 25<sup>th</sup>.

The meeting venue is the Žofín, located on Slavonic Island, Slovanský ostrov 226/8, 110 00 Prague 1 [<http://www.zofin.cz>].

### ***Hotels:***

A list of hotels in the vicinity of the Žofín will be supplied on the meeting web-site.

### ***Accommodation:***

Participants are asked to make their own arrangements.

## Forum Secretariat

The NEA will provide the Scientific Secretariat for the Forum.  
Please contact:

Dr. Ted Lazo  
OECD Nuclear Energy Agency  
Le Seine St. Germain  
12, boulevard des Iles  
92130 Issy-les-Moulineaux  
FRANCE  
Tel: 01 45 24 10 42  
Fax: 01 45 24 11 10  
E-mail: lazo@nea.fr

For local information, please contact:

Ms. Karla PETROVA  
State Office for Nuclear Safety (SUJB)  
Senovazne namesti 9  
110 00 Prague 1  
REPUBLIQUE TCHEQUE  
Tel: +420 2 2162 4456  
Fax: +420 2 2162 4710  
E-mail: karla.petrova@sujb.cz

## Tuesday, 24 October 2006

### *Welcome and forum opening*

9:00 *Welcome address from the host organisation*

Dana DRABOVA, Chair

State Office for Nuclear Safety

9:15 *Welcome address and expectations of the NEA*

Gail H. Marcus, Deputy Director General

OECD Nuclear Energy Agency

### **Session 1**

### *Stakeholder Assessment of the ICRP 2006 general recommendations*

#### **Chair: TBD**

9:30 *Summary of the Asian and North American Regional Conferences*

*Henri Metivier, Rapporteur*

9:50 *Key implications of the new ICRP recommendations – contribution of the CRPPH expert group on the implications of ICRP recommendations (EGIR)*

*Sigurdur Magnusson, EGIR Chair*

10:10 *Coffee break*

**Session 2**  
***The ICRP 2006 general recommendations***

Chair: TBD

- 10:30 *The 2006 ICRP Recommendations on Radiological Protection*  
Lars-Erik Holm, ICRP Chair
- 11:15 Questions and Discussion
- 12:00 ***Lunch***
- 13:30 *Application of ICRP Recommendations to Planned Situations*  
John Cooper, ICRP Committee 4 Member
- 13:50 *Application of ICRP Recommendations to Existing Situations*  
Annie Sugier, ICRP Committee 4 Chair
- 14:10 *Application of ICRP Recommendations to Emergency Situations*  
Wolfgang Weiss, ICRP Committee 4 Member
- 14:30 Coffee Break – Organise for Breakout Sessions

**Breakout sessions**  
*Understanding key aspects of the  
ICRP general recommendations*

15:00 18:00 *The following Breakout Sessions will meet in parallel*

16:15 16:30 *Coffee will be available*

*Breakout session 1 Application of ICRP Recommendations to  
Planned Situations*

Moderator: TBD

*Breakout session 2 Application of ICRP Recommendations to  
Existing Situations*

Moderator: TBD

*Breakout session 3 Application of ICRP Recommendations to  
Emergency Situations*

Moderator: TBD

18:00

***Reception***

# Wednesday, 25 October 2006

## Session 3

### *Summary of Breakout Sessions*

#### **Chair: TBD**

9:00 *Summary report from breakout session 1*  
Speaker: TBD

9:20 *Summary report from breakout session 2*  
Speaker: TBD

9:40 *Summary report from breakout session 3*  
Speaker: TBD

## **Session 4**

### ***Stakeholder views on the implications of the ICRP recommendations***

**Chair: TBD**

10:00 *Views from Regulatory Authorities*

Dana Drabova  
Czech Republic

10:20 *Views from Regulatory Authorities*

Hans Henning Landfermann  
Germany

10:40

***Coffee Break***

11:00 *Views from Regulatory Authorities*

Jean-Luc Lachaume  
France

11:20 *Views from the nuclear industry*

Sylvain Saint Pierre  
World Nuclear Association

11:40 *Views from World Information Service on Energy (WISE-Paris)*

Yves Marignac

12:00

***Lunch***

## **Session 5**

### ***Views from International Organisations on the Implications of the ICRP recommendations***

Chair: TBD

13:30 ***Views and Implications for the IAEA: Future developments of the International Basic Safety Standards***

Eliana Amaral

IAEA

13:50 ***Views and Implications for the EC: Future developments of the European Basic Safety Standard Directive***

Augustin Janssens

European Commission

14:10 ***Views and Implications for the NEA in the area of Radioactive Waste Management***

Alan Hooper

NEA Radioactive Waste Management Committee

14:30 ***Views and Implications for the ILO: Future developments of the International Labour Convention***

Shengli Niu

ILO

14:50 ***Coffee break***

**Session 6**  
*Synthesis of the forum*

**Chairs: Jacques Lochard and Lars-Erik Holm**

- 15:10 *Summary of key issues*  
Henri Metivier (Rapporteur)
- 15:30 *Key Forum Messages for the ICRP*  
Lars-Erik Holm
- 15:40 *Key Forum Messages for the CRPPH*  
Jacques Lochard
- 15:50 *Closure of the 3<sup>rd</sup> NEA/ICRP Forum on  
The International System of Radiological Protection*  
Takanori Tanaka  
Deputy Director for Safety and Regulation  
OECD Nuclear Energy Agency

**End of the third forum**

**Bibliography of CRPPH Publications**  
**Concerning the Evolution of the System of Radiological Protection**  
(Available from [www.nea.fr](http://www.nea.fr))

1. The Process of Regulatory Authorisation: A report by the CRPPH Expert Group on the Regulatory Application of Authorisation, OECD/NEA 2006
2. Evolution of the System of Radiological Protection, Second Asian Regional Conference, Tokyo, Japan, 28 – 29 July 2004, OECD/NEA 2005
3. Optimisation in Operational Radiological Protection: A Report by the Working Group on Operational Radiological Protection of the Information System on Occupational Exposure, OECD/NEA 2005
4. Future Policy for Radiological Protection: A Stakeholder Dialogue on the Implications of the ICRP Proposals, Summary Report, Lanzarote, Spain, OECD/NEA 2004
5. Future Policy for Radiological Protection: Workshop Proceedings, Lanzarote, Spain 2 – 4 April 2003, OECD/NEA 2003
6. Possible Implications of Draft ICRP Recommendations, OECD/NEA, 2003
7. Proceedings of the Asian Regional Conference on the Evolution of the System of Radiological Protection, Tokyo, 24 – 25 October 2002, OECD/NEA 2003
8. A New Approach to Authorisation in the Field of Radiological Protection: The Road Test Report, prepared by R.V. Osborne and F.J. Turvey, OECD/NEA, 2003
9. Radiological Protection of the Environment: Summary Report of the Issues, OECD/NEA, 2003
10. Radiological Protection of the Environment: The Path Forward to a New Policy? – Workshop Proceedings Taormina, Sicily, Italy, 12 – 14 February 2002, OECD/NEA, 2003
11. The Way Forward in Radiological Protection, An Expert Group Report, OECD/NEA, 2002
12. A Critical Review of the System of Radiation Protection: First Reflections of the OECD Nuclear Energy Agency's Committee on Radiation Protection and Public Health, OECD/NEA, 2000