

ICRP Committee 4 Meeting

October 23-28, 2011 – Bethesda, USA

Committee 4 (C4) of the International Commission on Radiological Protection (ICRP) met in Bethesda, USA, October 23-28, 2011, in conjunction with the annual meetings of the Main Commission and the other ICRP Committees as well as the first ICRP Symposium on the International System of Radiological Protection.

With Toshimitsu Homma (Japan), joining after the Fukushima accident, C4 now consists of **18 members, and 10 observers** (from CEC, IAEA, IARC, IEC, ILO, IRPA, ISO, NEA, UNSCEAR, WHO).

The work of seven Task Groups (TG) was reviewed:

- **C3 TG 67: Assessment of Radiation Exposure in Space:** work is still in progress.
- **TG 71: Radiological Protection in Security Screening:** a revised draft report will be submitted to the Main Commission for approval by postal ballot soon.
- **TG 76: Radiological Protection against Enhanced Exposure from Industrial Processes using NORM:** the first draft report was discussed.
- **TG 80: Radiological Protection in Geological Disposal of Long-Lived Solid Radioactive Waste:** the report was approved for public consultation by the Main Commission in April 2011, and C4 examined the comments received so far.
- **TG 81: Radiological Protection against Radon Exposure:** the draft report was approved by the Main Commission for public consultation for a period of approximately 180 days.
- **Joint C4-C5 TG 82: ICRP Approach for the Protection of the Environment:** the draft report was approved by C4.
- **TG 83: Radiological Protection of Aircraft Crew against Cosmic Radiation Exposure:** C4 reviewed the work in progress and proposed to extend its scope to the protection of frequent flyers. Renaming of the TG to Protection from Cosmic Radiation in Aviation was approved by the Main Commission.

The Committee also discussed four issues:

- **Types of exposure situations:** several key points were identified for further development, among them the transition from an emergency to an existing exposure situation after a nuclear accident.
- **Fukushima:** a Working Party was created to follow the post-accident management in Japan and to review and respond to requests of Main Commission TG 84.
- **Safety and security of radiation sources:** C4 is ready to provide advice on this issue but recommended establishing formal contacts with other organisations before any initiative.
- **The ethics of radiation protection:** a Working Party was created to initiate work in this domain.

In addition, many C4 members and observers participated in the **ICRP Symposium**.

The next meeting of C4 (alone) is scheduled to take place in Moscow, Russia, September 24 to 28, 2012.