

ICRP Committee 4 Meeting

October 19-25, 2015 – Seoul, Korea

ICRP Committee 4 reviewed reports from three Task Groups dealing with existing exposure situations: **Task Group 83 on Radiological Protection against Cosmic Radiation in Aviation**, where the public consultation is on-going until October 30, 2015; **Task Group 76 on Radiological Protection against Enhanced Exposure from Industrial Processes using NORM**; and, **Task Group 98 on Exposures resulting from Contaminated Sites from past industrial, military and nuclear activities**. Discussions were had with a view to a consistent approach towards occupational and public exposure.

The Committee reviewed the **Task Group 93** draft report **Protection in the Event of a Nuclear Accident - Update of Publications 109 and 111**. The report will update and replace the previous publications, which focused on reactor accidents. It will address both the emergency situation and post-accident recovery, taking into account the lessons that have been learnt from the Chernobyl and Fukushima accidents.

The draft report of **Task Group 94 of Ethics of Radiological Protection** describes the core ethical values of doing good, preventing harm, being prudent, respecting individual autonomy, and justice. Procedural values of accountability, transparency, and inclusiveness (stakeholder involvement) are used with reasonableness and tolerability to make decisions in radiological protection that are most appropriate for the prevailing circumstances. The draft will be available for a pre-consultation at the time of the IRPA 14 International Congress, and a more formal public consultation will follow, likely later in 2016.

The Committee reviewed a number of other issues, including the work of **Task Group 97 on Surface and Near-Surface Waste Disposal**, and **Task Group 92 on Terminology and Definitions**, topics identified by organisations in formal relations with ICRP, effective dose (with Committee 1), detriment and dose rate effectiveness (with Committee 2), occupational exposure in medicine (with Committee 3) and protection of the environment in existing and emergency situations (with Committee 5).

The Committee also held a special session with representatives of Fukushima Medical University examining medical and social impacts from the Fukushima Daiichi nuclear power plant accident. The Committee was also part of the **3rd International Symposium on the System of Radiological Protection**, organised in conjunction with the meeting.

The next meeting of Committee 4 will take place in Saskatoon, Canada, in the summer of 2016.