

Overview of ICRP Committee 4 Application of the Commission's Recommendations

D.A. Cool

ICRP Committee 4 Chair

Electric Power Research Institute, Charlotte, NC, USA

The International Commission on Radiological Protection (ICRP) Committee 4 develops principles and recommendations on radiological protection of people in all exposure situations. The Committee meeting in 2014 was hosted by GE Healthcare in Arlington Heights, Illinois, USA, 27 July – 1 August, 2014. The Committee 4 programme of work encompasses several broad areas of focus, including a series of reports covering various aspects of existing exposure situations, leading the ICRP effort to update and elaborate recommendations in light of the accident at Fukushima Daiichi for emergencies and living in contaminated areas, elaborating the underpinnings of the system of protection, and developing focused reports on specific topic areas in consultation with organisations in formal relations with ICRP. The Committee has Task Groups working on Naturally Occurring Radioactive Material, Cosmic Radiation in Aviation, Updates of ICRP *Publication 109* and *111*, Ethics of Radiological Protection, Surface and Near Surface Disposal of Solid Radioactive Waste, and Exposures Resulting from Contaminated Sites from Past Industrial, Military and Nuclear Activities. In addition, there is a Working Party on Tolerability of Risk, and ongoing work with other organisations.