

Views from ICRP for Preparedness for Recovery and Introduction of the ICRP Workshop in December 2020

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The International Commission on Radiological Protection (ICRP) is an independent, international organisation that advances for the public benefit the science of radiological protection, in particular by providing recommendations and guidance on all aspects of protection against ionising radiation. ICRP develops the System of Radiological Protection, taking into account the latest scientific knowledge, ethical values, and practical experience. It is the basis of standards, legislation, guidance, programmes, and practice worldwide.

The objective of the System of Radiological Protection is to contribute to an appropriate level of protection for people and the environment against the harmful effects of ionising radiation exposure without unduly limiting the individual or societal benefits of activities involving radiation.

Approximately one year prior to the Fukushima Daiichi accident in March 2011, ICRP published recommendations on radiological protection related to emergency exposure situations [1] and post-accident recovery [2] that relate to nuclear accidents and other events. In 2013, ICRP established Task Group 93 to update these publications primarily to take account of lessons from this accident. The work of this Task Group is now nearing completion, with a mature draft available of the single report that will supersede the two previous ones: Radiological Protection of People and the Environment in the Event of a Large Nuclear Accident.

This presentation outlines the main points of the draft report, and briefly describes elements of the process followed in its development. There is a particular focus on preparedness for recovery, a subject now more easily treated with the full timeline of response to and recovery from an accident under one cover.

In addition, the upcoming International Conference on Recovery from Nuclear Accidents: Radiological Protection Lessons from Fukushima and Beyond is introduced, and its relationship to the present workshop is discussed.

Keywords: *Nuclear Accident, Radiological Protection, Recovery*

REFERENCES

- [1] ICRP, 2009. Application of the Commission's Recommendations for the Protection of People in Emergency Exposure Situations. ICRP Publication 109. Ann. ICRP 39 (1).
- [2] ICRP, 2009. Application of the Commission's Recommendations to the Protection of People Living in Long-term Contaminated Areas After a Nuclear Accident or a Radiation Emergency. ICRP Publication 111. Ann. ICRP 39 (3).