

**International Conference on Occupational Radiation Protection:
Strengthening Radiation Protection of Workers –Twenty Years of Progress
and the Way Forward**

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BELARUS EXPERIENCE OF APPLYING THE DOSE CONSTRAINT FOR OCCUPATIONALLY EXPOSED WORKERS IN NATIONAL REGULATIONS

By now the DC concept for occupational exposure has been widely used in various exposure situations, however, the comprehensive review of its practical implementation allows speaking that in many cases the used DC does not resemble DC as defined by the ICRP.

In the Republic of Belarus, the commitment of the source operator (employer for use) and the State Sanitary Supervision (hereinafter referred to as Gossannadzor) to establish DC for occupational exposure within frame of optimization of protection and safety is prescribed in the radiation hygienic regulations, effective from January 2012. Further a new Law of the Republic of Belarus “On radiation safety” put in force on June 18, 2020 updated the requirement on legislative level and authorized the Ministry of Health (hereinafter referred to as MoH) to set up the procedure for establishing and application of DC in the radiation protection system. In pursuance of the Law, the MoH developed and approved two documents, both based on ICRP and IAEA recommendations with due account to national regulatory experience.

The report is intended to contribute to the experience of introducing the concept of DC for occupationally exposed workers to the national regulatory framework for radiation protection and safety.

Speakers email

nikolaenko67@gmail.com

Speakers affiliation

Scientific and Practical Center of Hygiene of Ministry of Health

Name of Member State/Organization

Ministry of Health of the Republic of Belarus

Primary authors: Ms NIKALAENKO, Alena (Scientific and Practical Center of Hygiene); ROZDYALOUSKAYA, Larisa (Scientific Practical Hygiene Centre of the Ministry of Health)

Presenter: Ms NIKALAENKO, Alena (Scientific and Practical Center of Hygiene)

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