

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

Contribution ID: 198

Type: **Poster**

The Current System of Occupational Exposure Regulation in the Czech Republic

Current system of occupational exposure regulation after implementation of ICRP 103, IAEA BSS and EU BSS is described. The poster will explain a system of categorization of workers, personal monitoring requirements, regulation of exposures at NORM workplaces as well as radon workplaces. There will be described also a system of outside workers exposures control and regulation. National Central Register of Occupational Exposures (CRPO) is in operation in the Czech Republic more than 20 years. The description of CRPO structure is presented as well as the results of data evaluation. There is about 23 ths active radiation workers registered in CRPO with collective dose 7,8 Sv. The average individual effective dose is 0,35 mSv for all workers and 0,9 mSv for those with doses above MDL. NORM workplaces are categorized in the Czech Republic as planned exposure situation with all relevant requirements for them. Radon workplaces are understood as existing exposure situation and some of relevant requirements for planned exposure situation are applied (see also poster Berčíková et al.)

Paper will give also a short overview of personal dosimeters in use and the system of dosimetric services and their authorization and control in the country. The approach for evaluation of higher doses and excess of the limits is also presented.

Speakers email

karla.petrova@sujb.cz

Speakers affiliation

State Office for Nuclear Safety

Name of Member State/Organization

Czech Republic

Primary authors: Mr VINKLÁŘ, Jan (SUJB); PETROVA, Karla (SUJB)

Presenter: PETROVA, Karla (SUJB)

Session Classification: Session 4. Occupational exposure levels and dose registries

Track Classification: 16. Occupational exposure levels and dose registries