



Radiation Monitoring

Objective

The course is part of the Basic Training Programme on VVER Technology for non-nuclear professionals and subcontractors. The objective of the training course is to provide sufficient information about the radiation monitoring which is obligatory for every nuclear site.

Brief Curriculum

The course consists of two modules: Tools for radiation control and Environmental radiation monitoring. The first module describes the structure of a modern radiation monitoring system and gives the characteristics of typical detectors and monitors used in a nuclear facility. The second training module describes facts, principles, processes and general concepts of environmental radiation monitoring and control, explains the subject of radiation monitoring and bio-monitoring, and describes the environmental sampling, sample preparation and analyses of the samples.

Target group

The training course aims to give competencies to a wide range of non-nuclear specialists whose professional work requires knowledge in the nuclear science. These are professionals working onsite in NPP related activities – construction, start-up, operation, decommissioning, RAW and spent fuel storage (civil engineers, government employees), non-nuclear technical staff (technicians involved in maintenance of auxiliary facilities in NPP, laboratories, storage and other nuclear sites), public communicators (local authorities, secondary school teachers, journalists), etc.



Qualification requirements

- Very good verbal and written English skills.
- EQF level 5-7
- Professional high-school diploma for non-nuclear technicians and a bachelor's degree for the rest of the target group.
- Theoretical training on „Introduction to NPP“ is needed for personnel who is going to perform radiation monitoring of a nuclear power plant.

Host organisation

Center for specialized education at the Institute for Nuclear Research and Nuclear Energy of the Bulgarian Academy of Sciences, Sofia, Bulgaria.

Language

The course will be held in English language.

Duration

Both training modules are designed to take 4 hours each.

Contact details

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