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Practical Experience in the Scientific and Educational Activities of Radioactive Waste Management at FSUE "RADON"

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Federal State Unitary Enterprise (FSUE) "RADON" is a multifunctional scientific-industrial complex, meeting the international standards of Quality Management System ISO 9001 and Environmental Management Systems 14001. More than 50 years, the enterprise successfully carries out the entire technological complex of services on radiation monitoring, decontamination of contaminated areas, collection, transportation, processing, conditioning, long-term storage (disposal) of radioactive waste of low and intermediate level of radioactivity, and the safety assurance of near-surface storage of radioactive waste. FSUE "Radon" has a unique research-industrial, industrial, experimental and laboratory equipment to carry out education as training courses on the technological processes, covering all stages of radioactive waste treatment

The value of the technological support of the educational process in FSUE "RADON" is in the continuous improvement of the equipment and technology in the center of Research and Development, and in the scientific development and implementation of new methods and devices. It is not less important that the lectures and practical sessions involved staff members of the FSUE "RADON", and as a rule, they are developers representing the technologies and authors of the regulations, procedures, patents.

In the late 90's under the IAEA guidance on the basis of the Scientific and Production complex of the enterprise «RADON» in Sergiev Posad Moscow region was established an inter-regional Educational Center for training specialists from Eastern Europe and former CIS countries in the field of radioactive waste treatment. With time the "geography" of students has been extended, and for 20 years of research and technical training, theoretical and practical training courses took place more than 500 specialists.

The IAEA representatives put forward the requirements for the organization of courses, which includes defined themes, visa support, transport services, accommodation, food and cultural program. Our Educational and Training Center perfectly meet these requirements, what brought us the reputation of a reliable partner and a wealth of experience in organizing large-scale multidisciplinary educational activities.

The FSUE "RADON" holds scientific and practical training for the employees working in the nuclear industry of Russia, as well as training for improving the skills of their own staff and for adaptation of the young professionals to the specifics of the production. Adaptive introductory courses not directly associated with the processing of radioactive waste are held for the personnel. They include a tour to the technological installations and storage of radioactive waste and lectures by leading experts on technology of radioactive waste treatment.

Over the past decade, the company has managed to reach the leading positions in the country in the field of radioactive waste treatment. Today, the FSUE "RADON" is a competence center of the State Corporation "ROSATOM" in the field of radioactive waste management, with a high level team of specialists, including 11 doctors and 65 candidates of science. The specialists of the company are actively engaged as experts for solving various technical problems and expertise of international projects. Having a unique research and industrial complex and high-level specialists, the FSUE "Radon" successfully performs the task of advanced training and professional retraining of domestic industry specialists and foreign students.

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