

Third International Conference on Nuclear Knowledge Management - Challenges and Approaches



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Knowledge Management in Scientific and Technical Support Organizations for Regulatory Bodies: SEC NRS Experience

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Nuclear industry, similar to other high-tech industries, is based on knowledge and to a great extent depends on personnel qualification, their skills and abilities. Knowledge management processes were recognized of the utmost importance for the IAEA. The IAEA GA adopted a number of resolutions on nuclear knowledge. In this context, knowledge management is considered as an integrated, systematic approach to the process of assessment, obtaining, development, distribution, use, transfer and maintenance of knowledge related to achievement of strategic targets of organization development. KM makes it possible to learn lessons from its own experience. The report presents a long-term experience of SEC NRS in knowledge management and capacity building, which is critically important for SEC NRS as scientific and technical support organization for Rostechnadzor. KM in SEC NRS is performed through the HRM, primarily through HRD, assessment, motivation of the labor activity, and regulation of social-psychological processes. The practice of implementation of NKM through the functions of human resources management is of particular interest for embarking countries. The best practices will be reflected in the IAEA Safety Report "Knowledge Management for Regulatory Bodies and TSO", which is currently being developed by a team of the IAEA experts.

Country or International Organization

Russian Federation

Primary author: Ms SAULSKAYA, Nataliya (SEC NRS)

Presenter: Ms SAULSKAYA, Nataliya (SEC NRS)

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