

Problems of Nuclear Knowledge and Information Management in CIS

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In the former Soviet Union there was a common information space on the problems of nuclear science and technologies. The books, monographs, manuals for a higher school, popular scientific literature, specialized magazines and etc. were issued by mass circulation. By becoming independent CIS have met with a number of problems in sphere of nuclear knowledge and information management.

In CIS there was practically full stopping the publication of specialized literature on nuclear subjects or its issue was by small circulation (mainly in Russia). It makes them low available. Under the condition of information isolation the quality of the published materials is reduced. CIS are poorly informed about the works having been carried out and are being carried out in the neighboring countries in the field of peaceful use of nuclear energy, and their experience and the results of scientific researches are not used by other countries.

For example, the complex of preparatory works on assessment of possibility and advisability of nuclear power evolution has been fulfilled in Belarus. In particular, economic advisability of NPP construction has been evaluated, the original technique of feasible NPP siting of has been developed and the basic and reserve sites have been chosen. The type and perspective project of NPP have been selected and the project of the strategy on radioactive management and a number of standard documents have been developed too.

The research on possibility of the station siting on the contaminated territory are being carried out, as well as the creation of the system of the monitoring surroundings when NPP siting in pure and contaminated territories. The problems of the long-term controlled radioactive waste, spent fuel or the products of its reprocessing storage on the territory of the republic, the complex of scientific research works of safety of nuclear power development are being carried out in addition too.

We believe that our experience and scientific development can be useful not only for CIS, but also for other developing countries. It is necessary to create accessible databases in Russian and English in the field of nuclear technologies, databases on synopsis information of world periodical editions and etc. At present in CIS the works are being carried out in this direction (the cooperation plan is prepared, the information fund is creating. Belarus takes an active part in these works. For fulfil of these works the financial support of the States and public organizations is necessary.