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VERIFICATION OF CODE-TP MODEL OF LIQUID CHROMATOGRAPHY PROCESS USED IN PROCESSING TECHNOLOGY FOR FAST REACTORS SNF.

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The mathematical model of uranium extract purification process from technetium was made in TPU in the CODE-TP media. In order to maximize the adequacy of the CODE-TP calculations, experimental verification of the simulating algorithms for the technological process of the uranium extract purification from technetium using lab-scale liquid chromatography unit (LCU) at JSC VNIINM was carried out. To test the process simulation algorithms, a series of experiments was carried out with the aim of producing data for comparison with the mathematical model

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Country or International Organization

Russian Federation

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