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**MOBILITY OF ChNPP RELEASE RADIONUCLIDES IN SOILS OF ABANDONED AREAS**

Some results on long-term dynamics of migration movability of ChNPP release radionuclides in soils of abandoned areas have been analyzed and summarized. Role of physical-chemical forms of fallout as well as landscape-geochemical characteristics of the territory has been estimated. Dynamics of <sup>90</sup>Sr migration in soils of fuel tracks of ChNPP fallout is in the main difference in comparison with <sup>137</sup>Cs.

*Keywords:* ChNPP Exclusion zone, radionuclide vertical transfer, long-term dynamics, physical-chemical forms of fallout, half-time of soil cleaning.