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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 ^{90}Sr migration in soils of fuel tracks of ChNPP fallout is in the main difference in comparison with ^{137}Cs .

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