

15. KINETICS OF ^{137}Cs DISTRIBUTION IN FISH ORGANISM

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The dynamics of ^{137}Cs distribution in blood, gills, liver, bowels and muscles of fish after receiving radionuclide in organism was studied. In explored organs and tissues, except muscles, revealed 2 components radionuclide release. The contribution of short component exceeds the contribution of the longest component for blood and gills in 1,5 - 2,0 times, for bowels and livers – in 5 - 10 times. The longest component of removing ^{137}Cs from fish organism is defined the share radionuclide deposited in muscles