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**RADIONUCLIDES IN THE INDIGENOUS FISH SPECIES
OF THE CHERNOBYL EXCLUSION ZONE**

Results of the specific activity of ^{90}Sr and ^{137}Cs estimation at the indigenous representatives of fish fauna in water bodies of the Chernobyl exclusion zone are presented during 2006 - 2011. The data of species specificity of radionuclide accumulation and distributing in different organs and tissues of prey and predatory fishes in water bodies with different hydrological regime and level of radioactive contamination are analyzed. The size, weight and age dynamics of radionuclide accumulation in fish are evaluated. It is note, that presently ^{90}Sr is main dose-formed radionuclide for fishes of stagnant water bodies of the Chernobyl exclusion zone.

Keywords: Chernobyl exclusion zone, freshwater ecosystems, fishes, radioactive contamination, specific activity, dose rate, ^{90}Sr , ^{137}Cs .