

DYNAMICS OF DISTRIBUTION OF ^{137}Cs IN EXTERNAL AND INTERNAL ORGANS AND TISSUES OF FISHES OF DIFFERENT ECOLOGICAL GROUPS OF COOLING-POND OF CHORNOBYL NPP

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Dynamics of the ^{137}Cs contents in different organs and tissues of fishes of the cooling-pond of ChNPP is studied from 1986 to 1990. The measurements were performed by gamma-spectrometer methods. The contents of ^{137}Cs in the organism of the majority of species of fishes has achieved the maximal values during 1 - 4 months from the moment of the accident. Relatively even contamination of ^{137}Cs in all organisms of fishes was registered at this time. Differentiation in accumulation of ^{137}Cs by different organs and tissues with the course of time is increased, and in tissues, directly contacting with water, the contents of ^{137}Cs was decreased more strongly. The specific features of ^{137}Cs distribution on organs and tissues are found.