

12. ^{137}Cs IN FISHES OF THE COOLING-POND AFTER THE DECOMMISSIONING THE ChNPP

O. L. Zarubin, A. A. Zallisky, I. A. Maljuk, L. A. Golovach, A. I. Golovach, S. V. Teletckaya

Content of ^{137}Cs in fishes of the ChNPP cooling-pond was studied during 1999 - 2006. It is established, that in the main fishes species of the cooling-pond there was no essential decrease of content of ^{137}Cs . In *Abramis brama* (L.), *Blicca bjoerkna* (L.) and *Ictalurus punctatus* (Raf.) the contents of ^{137}Cs to 2006 has not decreased in comparison to 1999 - 2000. In *Alburnus alburnus* (L.) the content of ^{137}Cs in 2006 authentically exceeds those in 2000. Probably, the given phenomenon is caused by the reorganization of trophic circuits due to the change of temperature and hydrological parameters of the cooling-pond ecosystem as the result of decommissioning of ChNPP.