

Sushchenya L.M., Pikulik M.M., Plenin A.E. Assessment of the radiobiological effects on the fauna in the accident zone of the Chernobyl NPP // Doc. I International conf. "Biological and radioecological aspects of the consequences of the Chernobyl accident". T. 1, Part 1. – Zeleniy Mys, 1990. – P. 137–159.

Studies on the dynamics of radioactive contamination of the fauna of the Chernobyl Zone and its environmental consequences have been carried out. The work was carried out to assess the content of radionuclides in various groups of animals. The paper indicates the species of fish, birds and mammals that were studied. Recording of numbers, age structure and biotopic distribution of animals were taken. The state of the fauna in the highly polluted zone suffer the most from environmental conditions, which under the influence of secondary environmental factors related to the eviction of human and stopped economic activities led to the intensification of succession processes in this territory. A change in the number and species diversity of individual groups of animals was resulting, as well as to a change in their behavior. It was concluded that direct effect of radiation did not cause significant disturbances to the ecology of animal populations and zoocenoses.