

INVESTIGATION OF RATIO “STRONTIUM - CALCIUM” IN THE PLANTS AND IN THE CORRESPONDING SOIL SOLUTION FOR ⁹⁰Sr AND FOR NATURAL TOTAL STRONTIUM

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Ratios Sr/Ca for natural total strontium and ⁹⁰Sr/Ca in the plants and in the corresponding soil solutions for three experimental lands with “fuel” type of pollution for several plants at natural conditions are determined. The lands with tree different types of soil are at the Exclusive Zone of the Chernobyl Power Station. The obtained experimental results shown that ratio Sr/Ca in plant is equal to this ratio in the corresponding soil solution for all investigated lands and plants. Ratio ⁹⁰Sr/Ca in plant exceeds this ratio at the corresponding soil solution.