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PAPER TITLE Cs^{137} AND Sr^{90} DIETARY INTAKE AND URINARY EXCRETION FOR CHILDREN,
AFTER THE CHERNOBYL ACCIDENT _____

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ABSTRACT

A major problem after the Chernobyl accident was to assess the effects of the irradiation for different age groups, especially children. Our group has measured Cs^{137} and Sr^{90} dietary intake and urinary excretion for children having different ages (between 4 and 12 years), during different time intervals. From the intake data, a trend of the annually committed effective doses was deduced. The paper presents the dose values for different age groups, and their evolution in time. A comparison with the doses committed by adults living in the same conditions as the children is presented.