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**EVALUATION OF THE PARAMETERS OF MIGRATION
OF THE URANIUM SERIES RADIONUCLIDES IN THE TAILINGS
OF THE PRIDNEPROVSKIY CHEMICAL PLANT**

Results of investigations of sludge samples collected from the body of five tailings of the Pridneprovskiy chemical plant ("West", "Central Yar", "South-East", "Dniprovsk", "Suhachivsk") are presented. The dependence of the radionuclides distribution coefficients in the tailings on pH was revealed. Form and degree of epy oxidation of uranium in the tailings were estimated.

Keywords: tailings of uranium production, distribution coefficient, migration of radionuclides, forms of uranium.