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**ASSESSMENT OF THE RADIOLOGICAL SAFETY
OF PRIDNEPROVSKIY CHEMICAL PLANT'S TAILINGS**

Analysis of the influence of the tailings of uranium production from Pridneprovsk chemical plant of agricultural products with heavy natural radionuclides (^{210}Pb , ^{210}Po , ^{226}Ra , ^{232}Th , ^{238}U) in adjacent areas of agricultural assignment was performed. Additional radiation doze to the population, living in the zone of influence of the tailings was determined.

Keywords: heavy natural occurring radionuclides, tailings, contamination of soils, contamination of foodstuffs.