

Phase distribution of radium in surface waters in the area of former radium production

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Abstract

Established a wide variability of physical and chemical composition of surface waters that could significantly affect the radium-226 migration in the waters near the former enterprise for its production. Data of activity concentration and radionuclide phase distribution in waters from impact zone are presented. It was shown, that radium quantities in dissolved components and suspended particulate matter correlates with hydrochemical characteristics.

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