

PROBLEMS OF DYNAMICS OF RADIONUCLIDES BEHAVIOR IN ENVIRONMENT OF BELARUS

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The experience of various methods application for radionuclide contaminated objects after the Chernobyl accident is considered. Methods useful to different objects, including kindergartens, are defined as a result of analysis. Methods of observation and control $^{134, 137}\text{Cs}$, ^{90}Sr and $^{238-240}\text{Pu}$ behavior in various environments are described. Value of the second air pollution after extraordinary situation at contaminated territories and object "Ukryttia" is given. Dates of post-Chernobyl contamination of rivers and soils with radiocesium and radiostrontium, as well as deactivation of social objects are generalized.