

"Approved by"

Director of IRS "Belrad"

_____ V. B. Nesterenko

" ____ " _____ 2008

R E P O R T

about the actions performed in framework of the 2nd stage of the project "Atlas"
(Contract No.69 dated to July 25, 2007)

The second stage of the project "Atlas" (Contract No.69 dated to July 25, 2007) included the analysis, the systematization and the statistical processing of the results of WBC measurements performed by the IRS "Belrad" from 2001 to 2007 in Vetka, Dobrush and Yelsk districts. Vetka district was describes in the report about the first stage that is why the present report describes Dobrush and Yelsk districts.

In accordance with the project the following actions were performed at the second stage of the work:

- there was performed the systematization of the results of measurements performed from 2001 to 2007.г. Dobrush and Yelsk districts of Gomel region;

- there was performed the statistical processing of the results of WBC measurements performed from 2003 to 2005 in Dobrush district in the following settlements: Dobrush (gymnasia - 1715 measurements, secondary school No. 1 - 2883 measurements, secondary school No. 2 - 2862 measurements, secondary school No. 3 - 1269 measurements, secondary school No. 5 - 1295 measurements, city trade school No. 99 - 479 measurements), Dubovy Log - 59 measurements, Khoroshevka - 93 measurements. Total - 10 655 measurements;

- there was performed the statistical processing of the results of WBC measurements performed from 2001 to 2007 in Yelsk district in the following settlements: Bogutichi - 93 measurements, Valavsk - 3199 measurements, Dobryn - 211 measurements, Yelsk (secondary school No. 1 - 538 measurements, boarding school - 468 measurements), Zasintsy - 269 measurements, Zashirye - 117 measurements, Kochishchi - 138 measurements, Krasny Pilshchik - 50 measurements, Podgalye - 207 measurements, Roza-Lyuksemburg - 1712 measurements, Slovechno - 55 measurements. Total - 7 057 measurements;

- a total of processed results: 17712 measurements;

- there was built the map of ¹³⁷Caesium radionulides deposition in children in Yelsk district. The map of Dobrush district was not built because the quantity of settlements is not sufficient to prepare it.

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