

Note for the city of Kiev and the Kiev region on the radioactivity of the air and water

May 1, 1986

Secret

According to the chief physician of the Kiev City Sanitary and Epidemiological Station, the situation in Kiev is characterised by the following data:

Gamma radiation level in the city centre is 5–8 $\mu\text{Sv/hr}$, in the Nivky area it is 13–20 $\mu\text{Sv/hr}$, and in the Vyshgorod area it is up to 30 $\mu\text{Sv/hr}$.

During the night of April 30th to May 1st, the water radioactivity increased sharply to 37,000 Bq/L (the norm is 0.037 Bq/L). By 7:00 a.m., the activity had dropped to 370 Bq/L.

[The value of “norm” above (0.037 Bq/L) is, most likely, a misprint – as it is about 10-12 times less than the currently applicable limit. In all subsequent document the “norm” is referred to as 37 Bq/L, which is considered to represent the value applicable at the time correctly].

In this regard, a decision was made to reduce the water supply from the Dneprovskaya Water Intake Station to the minimum necessary to maintain equipment operation. One of the reasons for the increased activity is fogging in the water intake area.

For information, please call:

[...]

Head of Department

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