

Information on the radioecological situation in Kiev

October 11, 1986

Secret

Situation in Kiev as of 9:00 AM, 11/10/86

1. Meteorological situation

Wind at an altitude of 1000 m: 310° NW, 10 m/s, no precipitation. Temperature: 17°–19°.

2. Radiation situation:

Gamma radiation level: 0.5 $\mu\text{Sv/hr}$ (out of 128 measurement points: 25 points: 0.5 $\mu\text{Sv/hr}$, the rest: lower).

Radiation level at ground surface: 0.5–1.6 $\mu\text{Sv/hr}$.

3. Quality indicators of water, food products and food raw materials based on radiometric data:

– Water in clean water reservoirs from the Desna River at the Dneprovskaya and Desnyanskaya water supply stations 3.7 Bq/L, 3.7 Bq/L. Water in the Dneprovskaya water intake bucket: 3.7 Bq/L, in the city water supply system: 0.37 Bq/L (the standard for water is 37 Bq/L);

– Milk delivered to Dairy Plants Nos. 1, 2, 3, and the Kievo-Svyatoshinsky Dairy Plant complies with the "Temporary Standards" (since August 1, 1986, the standard is 370 Bq/L). Currently, the indicators are 3.7 Bq/L–41%, 37 Bq/L–59%.

Constant dosimetric monitoring of food products, fruits, and vegetables entering the city's retail chain and markets is underway. Over the past 24 hours, 4,838 samples have been taken, of which 29 were contaminated (2 berries, 27 other).

4. Medical care:

Over the past 24 hours, 13 people sought treatment at medical facilities, bringing the total to 20,482. Three people were hospitalised, bringing the total to 3,018. 76 people are undergoing treatment, including two children; of these, 13 people have been diagnosed with radiation sickness (for a total of 111), including nine with mild illness, one with moderate illness, and three with severe illness.

5. Organising dosimetric monitoring on roads (entrances to and exits from the city)

Checkpoints with dosimetric monitoring have inspected 45,117 vehicles. Of these, 153 were detained and sent for decontamination. Nine vehicles are in storage areas, two of which are registered in Kiev.

6. Organisational and practical activities

16,500 people and 234 units of watering equipment participated in the city decontamination work.

Work continues on the construction of artesian water wells to supply water to:

– 58 residents, 57 drilled, 52 commissioned;

– 9 State Agro-Industrial Complex of the Ukrainian SSR, 1 under drilling, 8 completed.

Construction of the second stage of the landfill in B. Dmitrovichi is underway. 2,520 m³ of biomass were removed to the sites of the first stage in the past 24 hours, for a cumulative total of 26,644 m³.

Acting Chief of Staff - Deputy Chief of Civil Defence of Kiev
Yu. Golubev