

Information on the radioecological situation in Kiev

December 25, 1986

Secret

Situation in Kiev as of 9:00 AM, 25.12.1986

1. Radiation situation:

Radiation level at the ground surface: 0.5–1.0 $\mu\text{Sv/hr}$.

2. Water, food and food raw materials quality indicators based on radiometric data:

- water in the Dnieper and Desnyansky water intake basins, in the clean water reservoirs of the Dnieper and Desnyansky water treatment plants, as well as in the city water supply system: 37 Bq/L (at water standard);
- Milk delivered to Dairies No. 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 3.7 Bq/L indicators are 71%, and the 37 Bq/L indicators are 29%.
- Bread and bread products are monitored and comply with the "Temporary Norms" (since May 30, 1986, the standard is 370 Bq/kg). Currently, the 3.7 Bq/kg levels are 6.9%, and the 37 Bq/kg levels are 93.1%.
- Meat and meat products are monitored and comply with the "Temporary Norms" (since May 30, 1986, the standard is 3,700 Bq/kg). Currently, the 37 Bq/kg levels for meat and meat products are 100%.

Constant dosimetric monitoring of food products, vegetables, and fruits entering the city's retail network and markets is being conducted. Over the past 24 hours, 1,613 samples were taken, of which 23 were contaminated (21 grains, 2 other).

3. Medical care:

For the period from December 19 to 24:

- 19 people sought examination at medical and preventive care facilities (for a cumulative total of 21,219 people);
- 19 people were hospitalised: 10 Kiev residents, 6 Kiev region residents, and 3 other regions (for a cumulative total of 3,333 people);
- 161 people are undergoing treatment, including no children, of whom 28 have been diagnosed with radiation sickness (for a cumulative total of 113 people), including 21 with mild, 6 with moderate, and 1 with severe.

V.V. Turovich, a worker at the Chernobyl Nuclear Power Plant, was admitted from Pripyat with stage 1 ARS.

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

A total of 34,137 vehicles were inspected at checkpoints with radiation monitoring. Of these, 23 were detained and sent for decontamination. Three vehicles are in storage areas, two of which are registered in Kiev.

5. Organisational and practical measures:

Radiometric monitoring of snow has been organised. The contamination level is:

- Clean snow (in the air) — 7.77 Bq/kg;

- Snow at city landfills:
 - Belozerska Street — 444 Bq/kg;
 - Syretskaya Street — 1,147 Bq/kg;
 - Tankovaya Street — 2,072 Bq/kg;
 - Belitskaya street — 962 Bq/kg;
 - Mostytska Street — 1,776 Bq/kg.

152 m³ of biomass were removed from the landfill in the village of V. Dmitrovichi on December 24, or a cumulative total of 322,048 m³ – 92%.

Chief of Staff – Deputy Chief of Kiev Civil Defence
A Fedorenko