

Information on the radioecological situation in Kiev

December 4, 1986

Secret

Situation in Kiev as of 9:00 AM, 4/12/1986

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 clean water reservoirs from the Desna River at the Dneprovskaya waterworks: 0.37 Bq/L, Desnyanskaya: 3.7 Bq/L. Water in the Dneprovskaya water intake bucket: 0.37 Bq/L, in the city water supply: 0.37 Bq/L (the standard for water is 37 Bq/L);
- Milk delivered to Dairies No. 1, 2, 3, and the Kiev-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 13.5%, 37 Bq/L — 86.5%.
- Bread and bread products are monitored and comply with the "Temporary Norms" (since May 30, 1986, the standard is 370 Bq/kg). Currently, the levels are 3.7 Bq/kg–10.3%, 37 Bq/kg–89.7%;
- 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 levels for meat and meat products are 37 Bq/kg–100%.

Continuous dosimetric monitoring of food products, vegetables, and fruits entering the city's retail network and markets is being conducted. 2,063 samples were taken in 24 hours, of which 26 were contaminated (25 grains, 1 dried fruit).

3. Medical care:

For the period from December 1 to 3:

- 21 people sought examination at medical and preventive care facilities (a cumulative total of 21,077 people);
- 21 people were hospitalised (a cumulative total of 3,191 people);
- 79 people are undergoing treatment (10 people were admitted), including no children (2 people were discharged), of which 20 people were diagnosed with radiation sickness (a cumulative total of 113 people), including 13 with mild, 6 with moderate, and 1 with severe radiation sickness.

Re-admitted with ARS [*acute radiation sickness*]:

1. Panchenko A.I. — Engineer, Regional Department of Internal Affairs, 2nd ARS stage
- 2–5. Kachan S.M., Sedov I.G., Khomyakov S.V., Severenchuk P.D. — workers and employees of the military unit 7429 of the Ministry of Internal Affairs — 1st ARS stage.

Discharged from acute respiratory disease:

1. Derkach G.V. — City of Prip'yat, 3rd ARS stage.
2. Starovoyt V.I. — Chernobyl district, 3rd ARS stage.

4. Organisation of dosimetric monitoring on roads (entrances and exits from the city)

A total of 36,048 vehicles were inspected at checkpoints by radiation monitoring. Of these, 108 were detained and sent for decontamination. Two vehicles are currently in storage areas, one of which is registered in Kiev.

5. Organisational and practical measures:

From November 29 to December 1, the city's Civil Defence Headquarters, together with representatives of the city's Sanitary and Epidemiological Station and the Department of Environmental Protection, conducted a random inspection of 16 pioneer camps (two in each region). Of the 16 camps, nine were assessed as unsatisfactory in terms of radiation and sanitary conditions and cannot be used for children's recreation without decontamination. Work to eliminate the identified deficiencies has been organised.

9,500 people and 94 units of watering equipment participated in the city decontamination effort.

3,389 m³ of biomass were removed to the landfill in V. Dmitrovichi over the past 24 hours, for a cumulative total of 295,118 m³—84.3%.

Chief of Staff – Deputy Chief of Kiev Civil Defence