

Information on measures to protect the population from the effects of the consequences of a technological disaster

May 4, 1986

For official use only

The situation in Kiev and civil defence measures carried out between 8:00 PM on May 3 and 8:00 AM on May 4.

Average wind speed at 7:00 AM on May 4 was 15° (northern), and the wind speed was 50 km/h.

Gamma radiation levels at reference points exceed normal background levels by 50–80 times (10–16 $\mu\text{Sv/hr}$).

The concentration of radioactive substances in water samples complies with the standard (37 Bq/L).

259 people, including 46 children, sought treatment at city hospitals. 20 people were hospitalized at Children's Hospital No.14, 26 people at the Hospital No.25, and 11 people at the Regional Hospital.

Analysis of dairy, meat, and vegetable products (onions, parsley, sorrel, and radishes) at city markets revealed gamma background levels exceeding safety standards. Dosimetric monitoring has been strengthened by additional recruitment of dosimetrists.

An additional 6th checkpoint has been deployed at Odesska Square. 4,788 pieces of equipment have been inspected. 25 vehicles have been returned for decontamination.

40 people have been treated at sanitary and washing stations. 32 sets of replacement clothing have been issued, and 7 kg of contaminated clothing has been removed.

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