

Information on the radioecological situation in Kiev

May 14, 1986

Secret

Situation in Kiev as of 9:00 AM, 14/05/1986

1. Meteorological situation:

Wind 270° west, 2 m/sec., variable in the afternoon (west, northwest, north, northeast), 3–5 m/sec., temperature 20–22°.

2. Radiation situation:

Gamma radiation at ground level is 4.0–11.0 $\mu\text{Sv/h}$, which is 20–65 times higher than normal (the norm is 0.15–0.20 $\mu\text{Sv/h}$).

Water analysis at water intake points

– Dneprovsky — 370 Bq/L, which is above normal;

– Desnyansky — 3.7 Bq/L, which is within normal;

(The norm for water is 37 Bq/L).

3. Sanitary-Cleaning Stations operation (SCT):

One SCT is operational (Troitskaya Bathhouse).

125 people have been treated (4,402 people cumulatively). Over the entire period, 1,843 sets of replacement clothing have been issued, 8,580 kg of contaminated clothing have been removed, and 2,920 kg of contaminated clothing have been decontaminated.

4. Medical care:

202 people have been admitted to hospitals (10,148 people cumulatively), 14 people have been hospitalised (918 people cumulatively), and 560 people, including 140 children, are undergoing treatment. Three people are seriously ill. One person has died (cumulative total 1 person).

5. Sanitary and epidemiological indicators:

Dairies:

No. 1 — milk and dairy products — normal values.

No. 2 — milk and dairy products — normal, with the exception of 4.2 tons of cheese, which has values (3,700 Bq/kg) exceeding temporary standards.

Not for sale for 15–20 days.

Kievo-Svyatoshinsky District — a total of 90.5 tons of milk were received, of which 54.4 tons, received from several farms in the Vyshgorod and Kievo-Svyatoshinsky Districts, have values (3,700 Bq/kg) exceeding temporary standards. The milk has been sent for processing.

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

Checkpoints with dosimetric monitoring inspected 37,938 vehicles, of which 27 were returned for re-decontamination.

7. Population migration:

54,400 people left Kiev, including 36,100 by rail, 9,500 by air, and 8,800 by road.

925 rail and 4,048 air tickets were returned.

The lists for organised school vacation trips to other regions of the republic (129,500 people) and 8,900 service personnel have been updated. The number of schoolchildren has decreased by 8,000 compared to the previous day, as parents have withdrawn their applications and are not sending their children.

8. Organisational and practical events:

Five special equipment processing stations are being set up in the areas of Demidov, Gostomel, Gorenichi, Vita-Pochtovaya, and Borispol. Civil Defence units have been allocated to the city for reinforcement. These units are scheduled to deploy to the processing station locations on May 14th. Additional 19 sites (for a cumulative total of 26) for drilling artesian wells have been transferred to Ukrburvod by deed. Seventeen drilling crews have been employed. Eight drilling rigs are installed at the sites. Drilling commenced on May 14.

On May 13 of this year, a comprehensive reconnaissance of the radiation situation was organized and conducted by 15 vehicle crews throughout all districts of the city, using both the DP-5V and SRP-68 instruments.

Air reconnaissance was also conducted in parallel with the ground reconnaissance, using similar instruments. The measurement data is being analysed.

Comrade Altunin, Chief of the USSR Civil Defence, allocated the following from the Kiev Military District's mobilization reserve for the city's civil defence: 30 ARSOZ (automobile dispensing stations) and 20 DDA (disinfection and shower vehicle) units.

Excavation work is underway (7,140 cubic meters of soil have been removed) at the construction site of a solid radioactive waste disposal facility (Khotovo settlement).

Lawn treatment continues—13,057,000 square meters have been treated, and 10,088,000 square meters of asphalt pavement have been treated.

To support work at the NPP, 2,238 cubic meters of dry concrete were moved in 24 hours, including:

Glavkievmorstroy—810 cubic meters

Kievpromstroy Combine—1,164 cubic meters

Ministry of Transportstroy—264 cubic meters

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