

## Information on the radioecological situation in Kiev

May 15, 1986

Secret

Situation in Kiev as of 9:00 AM, 15/05/1986

### 1. Meteorological situation:

Calm wind, variable in the afternoon, 3-5 m/s, temperature 21-23°C.

### 2. Radiation situation

Gamma radiation at ground level is 4.0-8.4  $\mu\text{Sv/h}$ , which is 20-40 times higher than normal (the normal level is 0.15-0.20  $\mu\text{Sv/h}$ ).

Water analysis at water intake points

– Dneprovsky — 37 Bq/L, within normal limits;

– Desnyansky — 3.7 Bq/L, within normal limits;

(the normal level for water is 37 Bq/L).

### 3. Operation of Sanitary-Cleaning Stations (SCT):

One SCT is operational (Demievska Bath and Health Complex). 89 people have been treated (4,491 people cumulatively). Over the entire period, 1,848 sets of replacement clothing have been issued, 8,590 kg of contaminated clothing have been removed, and 3,130 kg of contaminated clothing have been decontaminated.

### 4. Medical care:

164 people have been admitted to hospitals (10,328 people cumulatively). 19 people have been hospitalised (940 people cumulatively), and 534 people are undergoing treatment, including 129 children. Three people are seriously ill. Died - 1 person (cumulative total - 1 person)

### 5. Sanitary and epidemiological indicators:

Dairies:

No. 1 and No. 2 — milk and dairy projects — indicators are normal.

Kievo-Svyatoshinsky — 217.1 tons of milk arrived, of which 87.4 tons, received from several farms in the Vyshgorod district, had indicators (3,700 Bq/kg) exceeding temporary standards. The milk was sent for processing.

### 6. Organisation of dosimetric monitoring on roads (entrances to and exits from the city)

Checkpoints with dosimetric monitoring inspected 24,273 vehicles, of which 37 were returned for re-decontamination.

### 7. Population migration:

50,400 people departed Kiev, including 33,500 by rail, 8,100 by air, and 8,800 by road.

860 train tickets and 35 air tickets were refunded.

Lists for organised school vacation trips to other regions of the republic (127,400 people) and 8,900 service personnel have been updated. The number of schoolchildren decreased by

2,100 compared to the previous day (a cumulative total of 10,100 people), as parents withdrew their applications.

8. Organisational and practical measures:

Excavation work has been completed to excavate a pit for the construction of a solid radioactive waste disposal facility (Khotovo).

To support work at the NPP, 1,556 cubic meters of dry concrete were moved per day, including:

Glavkyivgorstroy — 960 cubic meters

Kievpromstroy Plant — 256 cubic meters

Kievdorstroy Trust — 340 cubic meters

Eight special equipment decontamination stations are being deployed to their initial locations at the entry points (roads) to Kyiv.

Artesian well drilling is underway at 17 sites.

Decontamination (water washing) of city streets and neighbourhoods continues.

Inspection and decontamination of courtyards and kindergarten premises has been organized.

Gamma radiation monitoring is being conducted in city districts, including movie theatres, palaces, and sports facilities.

Decontamination work in and around the city's markets has been supervised.

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