

Information on the radioecological situation in Kiev

May 26, 1986

Secret

Situation in Kiev as of 9:00 AM, 26/05/1986

1. Meteorological situation:

Wind at an altitude of 1000 m 350 NW, 13 m/s, unchanged in the afternoon at 5-10 m/s, no precipitation. Temperature 18 degrees

2. Radiation situation

Gamma radiation level in air 0.7-2.5 $\mu\text{Sv/hr}$.

Gamma radiation level at ground surface 10-70 $\mu\text{Sv/hr}$.

Measurements were taken from May 12 to 22.

Locations with the highest radiation levels:

– Radyansky district (Zoo) 70 $\mu\text{Sv/hr}$;

– Darnitsky, Dneprovsky district 50 $\mu\text{Sv/hr}$.

Results of the next soil survey will be processed on June 1-2.

Water analysis at water intake points:

– Dneprovsky — 37 Bq/L, within the standard;

– Desnyansky — 3.7 Bq/L, within the standard;

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

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

One SCT is operational (Bathhouse No. 11, 1 Sklyarenko Street).

One person residing in Kiev was treated (a cumulative total of 4,987 people). 1,906 sets of clothing were issued over the entire period.

4. Medical care:

Eleven people were admitted to hospitals (11 cumulative total), including eight residents of the region who were admitted to the regional hospital. One person was hospitalised (1,176 cumulative total), and 414 people are undergoing treatment, including 68 children.

A total of 117 people have been diagnosed with radiation sickness, including 62 with mild, 47 with moderate, and eight with severe. One person died (1 cumulative total).

5. Sanitary and epidemiological indicators:

Dairies:

No. 1, No. 2, and Kievo-Svyatoshinsky — milk and dairy products — normal indicators.

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

Checkpoints with dosimetric monitoring inspected 31,877 vehicles, of which 1,170 were returned for repeat decontamination.

7. Population migration:

54,200 people left Kiev, including 34,800 by rail, 9,100 by air, and 10,300 by road.

1,037 train and 2,261 air tickets were returned.

12,300 schoolchildren (107,900 cumulatively) were sent for organized recreation to other regions of the republic.

[no value provided] people arrived in Kiev, including [no value provided] by rail, 8,800 by air, and 8,600 by road.

8. Organisational and practical measures:

To support work at the NPP, 1,659 cubic meters of dry concrete were moved in 24 hours, including:

- Glavkievgorstroy — 815 cubic meters
- Kievpromstroy Combine — 569 cubic meters
- Kievdorstroy Trust — 275 cubic meters.

A total of 30,674 cubic meters were moved.

A water pipeline has been laid from Lake Verblyuzhye to the Dnieper station. The system is operating in standby mode and can be switched to operational mode within 30 minutes if necessary.

The water treatment scheme at the treatment facilities of 8 special equipment treatment stations has been refined, and changes have been made to the working drawings.

Construction of two storage facilities for solid radioactive waste and the drilling of 23 artesian wells continue.

Chief of Staff – Deputy Chief of Civil Defence of Kiev

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