

Act of inspection of the state of radioactive contamination of the premises and adjacent territory of the Vilcha station of the Korosten branch of the South-Western Railway

March 10, 1989

For internal use only

A commission consisting of N.I. Shumeiko, Head of the Production Technical Department of NOD-4 (Chairman), V.E. Dzhuma, NODR-4, A.I. Turishchev, Civil Defence Headquarters Engineer at Korosten Station, V.N. Ruskavich, Head of the Radiological Department of SES-4, V.D. Mikus, RO SES Engineer, A.G. Burzhinsky, PSG Engineer at NOD-4, S.V. Veselsky, Station Dosimetrist at Vilcha, N.V. Redchits, Station Safety Engineer at PC-II, issued this report stating that on this date a commission inspection of the radioactive contamination of all buildings, adjacent territory, and station tracks was conducted.

The inspection established the following:

1. The roofs of service and residential buildings are contaminated with radioactive substances above permissible limits and are subject to immediate replacement.
2. The interior service areas of the station and the small and medium-sized building (wooden and tiled floors) are contaminated with radioactive substances at rates up to 1,000 counts per minute (CPM/cm²).
3. The adjacent area of the station, the station, the small and medium-sized building, and residential buildings have a radioactive substance contamination rate of up to 2,000 counts per minute (CPM/cm²).
4. The station tracks have been inspected from the entrance to the exit traffic lights:
Tracks 1, 2, and 3 have radioactive substance contamination rates from 100 to 7,500 counts per minute (CPM/cm²).
5. In the odd-numbered neck near switches No. 31 and 37, a contamination level of 1,100,000 counts per minute (CPM/cm²) was detected.
6. Tracks 4 and 5, newly laid, have contamination levels within acceptable limits.
7. Tracks 6 and 7 have a contamination level of up to 1,000 counts per minute (CPM/cm²).
8. All odd-numbered turnouts have contamination levels of up to 2,000 counts per minute (CPM/cm²).

Measurements were taken with three KRB-I instruments: Nos. 835, 815, and 756. In its work, the commission was guided by radiation safety standards 76/87 and the Basic Sanitary Rules 72/87–1988.

Signed by: N.I. Shumeiko
Correct: o/u Polesie RO UKGB
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