

## COMPETENT AUTHORITY DATA BANK ON THE TRANSPORT OF RADIOACTIVE MATERIALS IN ITALY\*

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Because of the importance of gathering data on the transport of radioactive materials — according to IAEA recommendations — the technical Competent Authority in Italy, ENEA-DISP, has organized a specific data bank. This is based on the particular administrative requirements of the domestic regulations, which prescribe that authorized carriers are obliged to prepare a summary record of transports carried out every three months. The data gathering process was complicated up to 1982 because of the large amount of shipments recorded by hand. Since 1983 it has been possible by agreement with the carriers to computerize the data.

The number of authorized carriers is at present 130 and is increasing. The number of shipments in the data bank is about 250 000 per year.

For each shipment it is possible to check the factory of departure, the arrival point, the number of kilometres per shipment, the last shipment, package characteristics, the radioactive contents and the labels used.

Results for the years 1983 and 1984 have been processed to give the most important conclusions, such as the zones with high traffic density, the percentage of various modes of transport, and the amount of radionuclides transported. An assessment of the collective dose to the public during recent years has also been made.

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\* Only a summary is published here.