

**<sup>137</sup>Cs CONTENT IN MUSHROOMS ON TESTING AREA “KOPACHI”  
(5-KILOMETERS ZONE OF ChNPP)**

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The researches which have been carried out in the period of 1999 - 2004, have shown that the polygon “Kopachi” has some distinctive features. The increase of values of exposure dose was marked. The content of <sup>137</sup>Cs in the top layer of soil has increased for the period of researches. The ratio of specific activity of <sup>137</sup>Cs in mushrooms with different levels of localization of mycelium corresponds to the first years after accident. The assumption was made that the peculiarities of this testing area are connected to supplemental entry of <sup>137</sup>Cs in soil as the result of “Nuclear Waste-2 Depository” building.