

**SEASONAL CHANGES OF SPECIFIC ACTIVITY OF  $^{137}\text{Cs}$  IN SOIL  
ON THE TERRITORY OF RANGES 30-km ZONES OF ChNPP  
AND «THE SOUTHERN TRACE»**

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Seasonal changes of the content of  $^{137}\text{Cs}$  in soil were investigated. On the territory of “Parishev” and “Stayki” ranges minimum levels of specific activity of radionuclide in the layer of a wood laying corresponds on time to the maximum values of  $^{137}\text{Cs}$  content in soil in layer 0 - 5 and 5 - 10 cm. On the territory of “Dityatki” range the changes of the content of  $^{137}\text{Cs}$  in a layer of a wood laying and top (0 - 5 cm) a layer of soils coincide.

*Keywords:* content of  $^{137}\text{Cs}$ , soil, season's dynamic.