

## **CONSIDERATION OF POSSIBILITY OF NUCLEAR PLANT WASTE DISPOSAL AT RADON SITES IN RUSSIA**

Prozorov L.B., Reznik A.A., Tkachenko A.V., Speshilov S.L, Gousskov A.V.

At present there is a great problem of nuclear plant waste disposal in the world. The wastes with different level of radioactivity are increasing in volume constantly, and the issues of their reliable isolation from public into geological medium are of great importance for humanity and the Environment. There are 16 “Radon” system facilities in the Russian Federation, specialized in radioactive waste management, that have different capabilities in radioactive waste (RAW) processing, different storage capacity and different geological-hydrogeological conditions. At the same time there are 9 nuclear power plants (NPP), working as an one energy system: Balakovskaya, Beloyarskaya, Bilibinskaya, Kalininskaya, Kolskaya, Kurskaya, Leningradskaya, Novovoronezhskaya and Smolenskaya. Th