



МІНІСТЕРСТВО ЗАХИСТУ  
ДОВКІЛЛЯ ТА ПРИРОДНИХ  
РЕСУРСІВ УКРАЇНИ

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MINISTRY OF ENVIRONMENTAL  
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The Ministry of Environmental Protection and Natural Resources of Ukraine presents its compliments to the Ministry of Environmental Protection, Water and Forests of Romania and informs in response to your letter dated 05.08.2024 № DGEICPSC/126155/05.08.2024.

Based on the results of the public discussion and analysis of the environmental impact assessment report conducted in accordance with the requirements of Article 4 of the Convention on Environmental Impact Assessment in a Transboundary Context (Espoo Convention) regarding the proposed activity «Refurbishment of Chernavode NPP U1 and Extension of Intermediate Dry Spent Fuel Storage with MACSTOR - 400 Modules» inform you that according to the information provided in Chapter 9 «Non-technical summary» of the EIA report, the volume of industrial wastewater, represented by technological returnable wastewater and hot technical water, generated as a result of the activities of the Chernavode NPP, is discharged into the Danube through the Seimen Canal, 91% of the total collected volume from the CDMN I beef (Danube-Black Sea Canal).

Incidentally, we note that the Danube River is transboundary and flows into the Black Sea on the territory of Ukraine.

Considering the above, we request:

information on the qualitative, quantitative and temperature indicators of industrial wastewater generated as a result of the activities of the Chernavode NPP and discharged into the Danube River, mathematical models of the spread of pollutants (chemical, radiological, toxicological, etc.) and temperature indicators in the waters of the Danube River, in particular towards territories of Ukraine;

assessment of the impact on the flora and fauna (especially sturgeon) of the Danube River caused by the discharge of industrial wastewater (including hot technical water).

In addition, we ask to provide an assessment of the impact of emergency situations on the environment, mathematical modeling of the spread of radiological contamination for various scenarios of meteorological conditions and winds in the event of an event or accident with



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radiological consequences and a nuclear accident at the NPP (including at the intermediate spent fuel storage).

The Ministry of Environmental Protection and Natural Resources of Ukraine avails itself of this opportunity to renew to the Ministry of Environment, Water and Forests of Romania the assurances of its highest consideration.

Olena Kramarenko  
Deputy Minister