SAFETY ASSESSMENT OF THE POST CLOSURE PERIOD OF THE PÜSPÖKSZIÁGY RWTDF

Attila Baksay

Public Company for Radioactive Waste Management.

It is important to verify that dose constrain determined for the public can be satisfied after the institutional control of radioactive waste disposal facility. Safety case developed for supporting operational license application of the RWTDF involves the post closure safety assessment as well.
The starting point of the long term safety assessment is that the planned safety upgrade will be completed so the wells, containing radiation sources are going to be removed, the bulk of the high active and long half life components are going to be removed from the main disposal vaults.
Conceptual – and mathematical models developed for long term safety assessment involves phenomena such as moisture entering the disposal vaults, migration of the volatile components in air and all components in the groundwater, degradation of the engineered barriers, etc.
Hydrogeological concept is formed from the newest hydrogeological modeling.