

Application of Geological Data for the Long-Term Safety Evaluation of the Nuclear Waste Disposal Systems

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ABSTRACT

Methodology for the acquisition of geological data required for the evaluation and provision of long-term safety of nuclear waste underground disposal (storage) systems is considered on the basis of the conceptual approach to the closing stage of radioactive waste (RW) management, which envisages fractionating of liquid high-level wastes (HLW) with the separation of fractions containing radionuclides with different half-life.