

Uncertainty in the temporal scale on earthquake and fault activity

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It is needed to evaluate stability of landform surfaces for the Geological Disposal of Radioactive Waste. It takes several 10^5 - 10^6 years for Nuclides indicated as high-level radioactive waste to get into equal to its abundance in nature. Therefore, notably, long-term (10^5 - 10^6 year) earthquake and fault activity is important consideration in the evaluation of surface stability to prevent radioactive waste from accessing near surfaces. We discuss about the uncertainty in the temporal scale on earthquake and fault activity.

A part of this research project has been conducted as the regulatory supporting research funded by the Japan Nuclear Energy Safety Organization (JNES), an incorporated administrative agency, Japan.

Keywords: Geological disposal, Earthquake, Fault, Stress, Groundwater Flow System