

Research and Development on Recycling of Radioactive Waste in JAEA/JAEA における放射性廃棄物の再資源化研究開発

JAEA has set the following three items as the pillars of research and development; (a) Nuclear × Renewable synergy, (b) Making nuclear energy itself sustainable, and (c) Diversification of nuclear energy use (Ubiquitous). In particular, to make the use of nuclear energy sustainable, research and development on recycling of radioactive waste has been initiated.

In this presentation, the following three contents will be presented; (1) the use of unburnable uranium in storage batteries, (2) the use of elements in spent fuel, and (3) power generation from heat and radiation. In addition, ideas for recycling that may be related to nuclear data will be introduced.

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