

International Conference on Management of Spent Fuel from Nuclear Power Reactors: An Integrated Approach to the Back End of the Fuel Cycle



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Used fuel treatment : for which fuel ?

For more than 40 years, used fuel reprocessing is an industrial reality, with tens of thousands of tons treated in several plants around the world, allowing saving natural resources, reducing waste volume and toxicity and easing waste storage and disposal. Reprocessing has already been applied successfully to a very wide range of used fuels, coming from different types of reactors with a variety of designs and characteristics. While details of operation vary to comply with this diversity, technological solutions remains quite similar, allowing to progressively extend the scope of reprocessing while retaining perfect track records in terms of safety, security and environmental impact.

This paper will give an overview of the French experience and results from the industrial treatment of different fuels and the associated characteristics.

Country/ int. organization

France - AREVA

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