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Nuclear Waste Management update in Australia

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Australia is currently in the process of establishing a National Radioactive Waste Management Facility and seeking to identify a site to host the facility.

The lecture will focus on the history of waste production in Australia, the current management of the diverse waste arisings, particularly focussed on operational and legacy wastes held at the Australian Nuclear Science and Technology Organisation and the strategy applied to the management of those wastes.

The process adopted to establish the facility will be discussed as well as potential future options for the disposal of Intermediate Level Wastes. Australia's focus on investing in optimum wasteforms, such as the vitrified residues from reprocessing spent fuel elements from current and previous research reactors and the synroc waste form for treating Intermediate Level Liquid Wastes, will be discussed as case studies.

Summary

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