

International Conference on the Safety of Radioactive Waste Management, Decommissioning, Environmental Protection and Remediation: Ensuring Safety and Enabling Sustainability



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Planning for decommissioning from an early stage

The Spanish framework for regulatory control and supervision of the decommissioning projects carried out up to date, has posed a challenge that has derived in the acquisition of a vast regulatory experience in this subject.

This experience has been essential in the process of regulatory harmonization in Europe through the WENRA association, and, as a result, the Spanish Nuclear Safety Council (CSN) has issued the Safety Instruction IS-45 “Instruction on safety requirements during the design, construction and operation phases of nuclear facilities and fuel cycle facilities, to provide for their dismantling and, where appropriate, their dismantling and closure”. This Instruction regulates one of the first lessons learned; the need for a preliminary decommissioning plan long before the end of the operating life of these facilities, to provide for a safe and sustainable decommissioning process.

This plan aims to minimize environmental impacts, optimize waste management, and promote sustainable practices throughout the decommissioning process.

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