

WASTE MANAGEMENT DURING THE REFURBISHMENT OF THE CIEMAT NUCLEAR HOT-CELL

Thursday, 26 May 2016 09:00 (4h 30m)

The PIMIC project (acronym in Spanish of “Internal plan for CIEMAT Facilities Refurbishment”) has the main objective of recovering spaces and rehabilitate areas impacted by past activities related to the research and development of peaceful uses of nuclear energy.

One of the nuclear facilities to be dismantled was the “Metallurgical hot cell”, where different prototypes of fuel elements were physical - chemically characterized after being irradiated both in JEN experimental reactor and in some commercial Spanish NPP (LWR). This paper describes the dismantling activities and the waste management of this facility.

The release of old nuclear facilities at CIEMAT will permit conventional uses of these spaces with no restrictions. It should be emphasized the importance of the clearance process from the economic and environmental point of view.

Country or International Organization

CIEMAT

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