Record Nr. UNINA9910451469103321 Electrometallurgical techniques for DOE spent fuel treatment **Titolo** [[electronic resource]]: status report on Argonne National Laboratory's R&D activity as of Fall 1998 / / Committee on Electrometallurgical Techniques for DOE Spent Fuel Treatment, Board on Chemical Sciences and Technology, Commission on Physical Sciences, Mathematics, and Applications, National Research Council Washington, D.C., : National Academy Press, 1999 Pubbl/distr/stampa Descrizione fisica 1 online resource (93 p.) Disciplina 621.4838 Radioactive wastes - Purification Soggetti Spent reactor fuels - Management Electrometallurgy Electronic books. Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Description based upon print version of record. Nota di bibliografia Includes bibliographical references. Nota di contenuto ""ELECTROMETALLURGICAL TECHNIQUES FOR DOE SPENT FUEL TREATMENT""; ""Copyright""; ""Acknowledgment of Reviewers""; ""Contents""; ""Executive Summary""; ""SPENT FUEL OPERATIONS""; ""Summary of Progress Through October 1998""; ""High-Throughput Electrorefiners"; ""Cathode Processor and Casting Furnace Unit""; ""RESEARCH AND DEVELOPMENT IN SUPPORT OF ARGONNE NATIONAL LABORATORY'S DEMONSTRATION PROJECT""; ""Metal Waste Form Testing and Plans""; ""Metal Waste Form Release Rate""; ""Ceramic Waste Form Testing and Development""; ""Hot Isostatic Pressing"" ""Additional Ceramic Waste Form Development Issues""" Demonstration-Scale CWF Processes""; ""Electrometallurgical Treatment of Oxide and Aluminum Alloy Fuels""; ""Oxide Fuels""; ""Aluminum Alloy Spent Fuels""; ""OVERALL PROGRESS IN ANL'S DEMONSTRATION PROJECT""; ""1 Introduction ""; ""2 Spent Fuel Operations "";

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