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""SOLID WASTE IN BINS""""LIQUID WASTE IN TANKS""; ""OTHER HLW: SPENT NUCLEAR FUEL INVENTORIES""; ""OTHER INVENTORIES OF RADIOACTIVE WASTE""; ""FUTURE PLANS AND CONTEXT FOR THIS STUDY""; ""PROCESS OPTIONS""; ""ORGANIZATION OF THIS REPORT""; ""2 Calcine Characterization, Retrieval, and Dissolution""; ""CALCINE CHARACTERIZATION""; ""RETRIEVAL, HANDLING, AND BLENDING OF CALCINE FROM BINS""; ""Retrieval Operations""; ""Calcine Handling and Blending""; ""CALCINE DISSOLUTION""; ""Characteristics of UDS""; ""Derivation of Dissolution Specifications""; ""ADEQUACY OF EXISTING INFORMATION""
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""Mixtures of Alumina Calcine and SBW""""Vitrification Facility and Processing""; ""SEPARATION OPTION""; ""Waste Compositions and Characteristics""; ""Vitrification Facility and Processing""; ""POTENTIAL PROBLEMS""; ""Blending to Achieve Uniform Waste Composition""; ""Waste Loading in Borosilicate Glass""; ""High Phosphate Content""; ""Zirconia-Related Problems""; ""Tolerance of Glass to the Content of Calcium Fluoride""; ""Testing Needs""; ""6 Cementation""; ""PROCESS DESCRIPTIONS""; ""Direct Cementation: Mixed HLW Hydroceramic with Feed of Clay, Slag, Soda, and Water""
""Direct Cementation: Mixed HLW Hydroceramic with Feed of Sucrose, Clay, NaOH, and Water""