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Nota di contenuto	Cementitious Materials for Nuclear Waste Immobilization; Copyright; Contents; About the Authors; Preface; Chapter 1 Introduction; 1.1 Background of Nuclear Waste Problem; 1.2 Nuclear Industry Facilities; 1.2.1 NFC Facilities; 1.2.1.1 Mining and Milling Facilities; 1.2.1.2 Uranium Refining Facilities; 1.2.1.3 Nuclear Reactors; 1.2.1.4 Repossessing Plants and Storage; 1.2.2 Radioisotope Production and Application; 1.3 Nuclear Waste Sources and Classification; 1.4 Nuclear Waste Management; 1.4.1 Development of Policy Principles, Strategy and Legal Framework 1.4.2 Technical Options for a Waste Management System1.4.2.1 Treatment of Front-End NFC Wastes; 1.4.2.2 Treatment of Nuclear Reactor Operational Wastes; 1.4.2.3 Treatment of Nuclear Centre Wastes; 1.4.2.4 Immobilization and Disposal Options; 1.4.3 Technical Factors that Affect Technology Selection; 1.5 Wasteform Materials; References; Chapter 2 Cements: Portland Cement; 2.1 Cements; 2.2 Portland Cement: Manufacture, Mineral Composition, Properties; 2.3 Phase and Mineral Composition of Ordinary Portland Cement; 2.4

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2.5.1 Hydration and Hydraulic Activity of Clinker Phases and Portland Cement
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