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## **A strategy/Context for the Republic of South Africa**

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The management of spent fuel from nuclear power reactors still pose a great challenge with varying competing management and disposal strategies. It is indeed a challenge to talk about the management of spent fuel without considering the main issues of its association with nuclear weapons, and the bitter legacy left by the major nuclear accidents at Chernobyl and Fukushima. However, it is encouraging to know that the lessons learned from the past have motivated scientists and engineers to design modern nuclear reactors with systems to maintain cooling in case the primary coolant is lost. This extended abstract presents the management of spent fuel and the role of the National Radioactive Waste Disposal Institute (NRWDI) in South Africa.

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#### **Country or International Organization**

South Africa

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