Nuclear fuel storage

In recent decades, the operating environment of nuclear power plants has continued to move toward increasing fuel cycle efficiencies through generally higher fuel burnup, which puts greater demand on ...

This review discusses the importance of interim dry storage of spent nuclear fuel. It addresses the requirements to achieve safe and efficient enclosure of spent nuclear fuel assemblies, ...

The study is broken into four sections. The first reviews China"s current nuclear fuel cycle program and facilities. The second discusses China"s current spent fuel management methods ...

The Office of Nuclear Materials is responsible for safely managing nuclear materials remaining on sites around the country, including a diverse, complex inventory of spent nuclear fuel.

There are about 86,000 metric tons of spent nuclear fuel from commercial reactors stored at 75 U.S. sites. This amount continues to grow. Policymakers have been at an impasse over ...

Current practices and lessons learned for wet and dry storage of RR spent fuel, in terms of the entire storage cycle or discrete portions of the storage life cycle, e.g. drying treatment, surveillance and ...

Spent nuclear fuel (SNF) storage is a necessary step in any spent fuel management strategy. Around 70% of the spent fuel generated by nuclear power plants (NPPs) worldwide is accumulating in ...

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