

Dry Fuel Services

service overview

A Long-Term Solution to a Long-Term Need

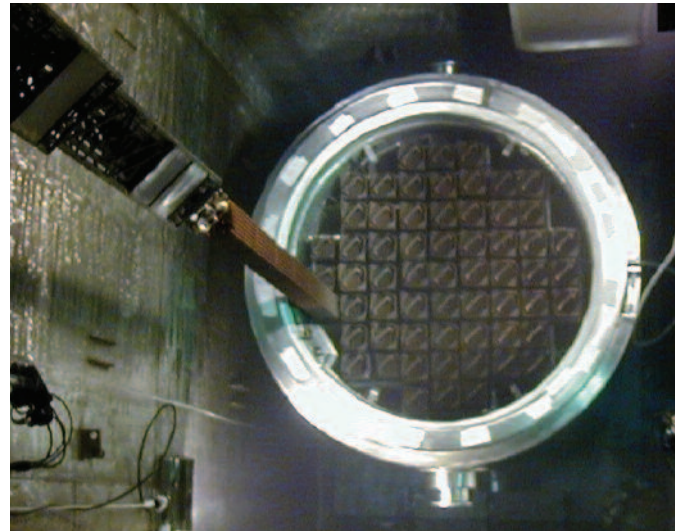
As utilities continue to consume more nuclear fuel from power uprates, plant life extensions, and increased capacity factors, spent fuel pools are approaching full capacity. As wet storage reaches its limits, one of the long-term solutions is dry cask storage. For utilities looking for a solution to managing the process, GE Hitachi Nuclear Energy (GEH) has an answer.

A Complete Service Contract

GEH provides full scope project management for dry fuel services. Utilities who have traditionally used several contracts to manage the multi-step dry cask storage process now have an alternative that decreases costs and increases accountability and safety. With over 50 years of expertise in the nuclear energy business, GEH's core competencies are the exact skills utilities need for dry fuel services.

Services are available for fuel used in both Boiling Water Reactors (BWRs) and Pressurized Water Reactors (PWRs). GEH's coordinated Dry Fuel Services include:

- Complete fuel management (including characterization, inspection, and sipping/reconstitutions)
- Cask handling and fuel loading
- Preventive maintenance for required equipment
- Vacuum drying and canister welding
- Licensing management
- Integrated project management
- Custom fabrication



A fuel bundle is moved into a dry storage cask.

Contract Simplification

A single, simple contract with GEH for project management includes architect engineer services, licensing, independent spent fuel storage installation (ISFSI), fuel inspection, cask lid welding, cask loading, transportation, and custom precision fabrication.

Expertise, Efficiency and Economics

GEH's expertise improves the efficiency and economics for dry fuel storage. Our service improves efficiency through reduced tribal knowledge, capital equipment requirements onsite, equipment levels, mobilization, and training. This means lower costs for utilities using GEH's services.



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