



Fuel and Materials Technology Key Offerings & Products

As a fast-moving, independent partner specializing in nuclear technology and testing, we collaborate closely with customers and global stakeholders to provide solutions grounded in our expert advice and knowledge, overcoming challenges to drive the industry forward.

Fuel Qualification and Testing

Vast expertise in all facets of fuel and materials qualification testing, analyses to support the formal licensing process.

Plant Life Management and Extension

Internationally renowned expertise in aging of metallic materials and components, notably Reactor Pressure Vessels and Core Internals.

Back End Research

Over 30 years of experience in final repository research and provider of key experimental data for intermediate dry storage safety cases.

Hot Cell Technology

Offering its unmatched expertise to organizations worldwide seeking support with their own hot cell facilities.

International Programs

Operates a number of international joint programs in the areas of fuel and materials research.

Transport of Irradiated Materials and Spent Fuel

Specializes in international logistics and transport services for the nuclear industry.



Fuel and Materials Technology drives innovation and improves the efficiency of the entire fuel cycle by delivering solutions that combine our expertise, unique lab facilities and hot cells, extensive materials/ fuel library, and broad external network.

“Independent nuclear testing and technology expertise for PWRs, BWRs, VVERs, SMRs, and Advanced Reactors.”