



## Fuel assemblies & related products

### BWR Fuel Assemblies

ATRIUM 10      ATRIUM 11

### PWR Fuel Assemblies

AFA 3G    GAIA    HTP    Shielding Fuel Assemblies

### Enhanced Accident Tolerant Fuel

PROtect – The leading EATF program

### Related Products

Additive Manufacturing      Mixed Oxide Fuel (MOX)  
 HARMONI RCCA      Enriched Reprocessed Uranium\*

### Research & Test Reactors

### SMR & Advanced Reactors

## Fuel semi-finished & related products

### Zirconium Products

Advanced Cladding and Structural Material      Zirconium

### Other Products

Hafnium      Magnesium Chloride

## FUEL Services

### Characterization, Inspection & Control

Crud Sampling and Impact Investigation

ECHO 330\*

Fuel Channel Characterization

Fuel Prototyping and Laboratories

Fuel Rod Anti-Fretting Clips

Fuel Rod NDE Inspection

Grid Width Measurement\*

Post Irradiated FA Inspections

RCCA Inspection and Characterization\*

Single Probe ECHO\*

Specialty Fuel Handling Tools for Inspections

Ultrasonic Fuel Cleaning and Testing

Ultrasonic Leaking Fuel Detection Systems

### Handling & Conditioning

AFA Repair\*

Assistance in Reactor Fuel Unloading and Reloading\*

COLOSS – Optimizing Loading and Unloading of Fuel Assemblies

Grid Repair by Grinding\*

In-core Sipping Failed Fuel Detection

Mast Sipping

Leaking Fuel Encapsulation

PELICAN\*

Smooth-Walled Dummy Fuel Assembly\*

STAR\*

Vacuum-Canister Sipping Leaking Fuel Assembly Detection

### Methods & Codes

ARCADIA– Comprehensive System for Nuclear Core Design and Safety Analysis

AREA      ARITA

ARTEMIS – Powerful Core Simulator

### Engineering & Design

ATHENA – Neutron Fluence Analysis

Computational Fluid Dynamics

Design Studies\*

Dose Guard

Fluence Reduction\*

Fuel Engineering Services

Fuel Integrated Training (FIT)

### Manufacturing

Safety Solutions for Fuel Manufacturing: Post-Fukushima Lessons Learned

Heat Treatment\*

Core Thermohydraulic Calculation, Modelling and Safety Analyses

LADON

XEDOR – Risk Informed PCI Management Tool

MELLLA+ Enhanced Option III

Plant Lifetime Solutions

Plant Phase Out

Safety Solutions for Fuel Manufacturing

Security of Supply\*

Training in Reactor Fuel Handling\*

Laser Welding\*

Automatic Pellet Inspection System (APIS)

### Core Monitoring System

ARGOS

Powerplex III

FIDMS

Powerplex XD

Your performance  
is our everyday commitment



ANY QUESTIONS? CONTACT:  
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\*Under construction – will soon be complete and in the Fuel Solutions Portfolio  
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