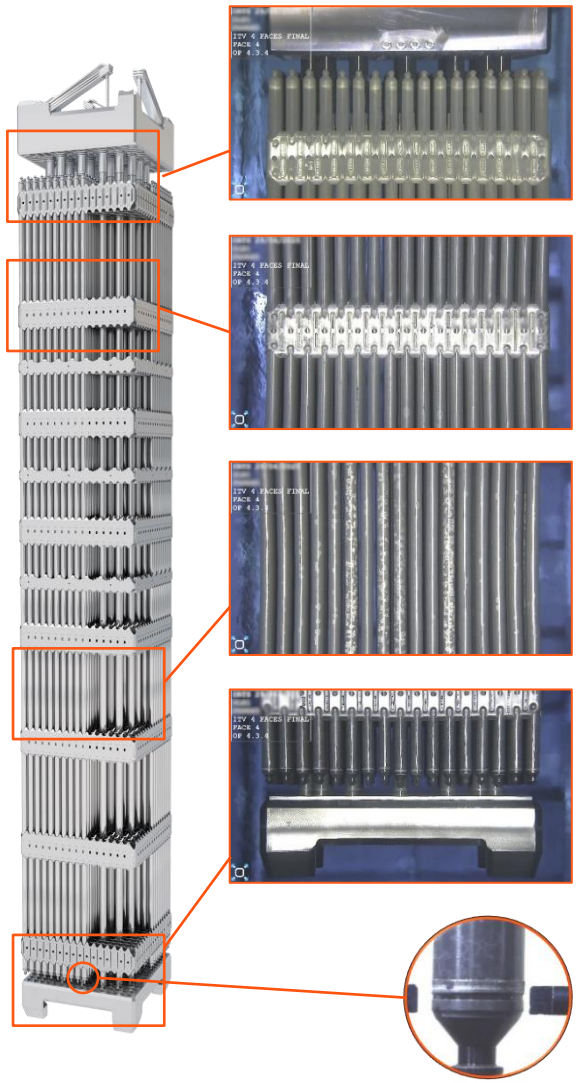
framatome

VISUAL INSPECTION AND EXAMINATION - FOR RELIABLE FUEL OPERATION

Innovative Fuel Field Services solutions, proven in practice

Framatome's visual inspection and examination solutions, applicable to LWR fuel assemblies, meet nuclear power plant requirements in a safe and sustainable manner.



Challenge

Visual inspection and examination of fuel assemblies are essential for maintaining safety, integrity, and operational performance. However, these activities face a range of technical and operational challenges that may limit their effectiveness in detecting physical damage, wear, corrosion, debris, and other anomalies.

Solution

Framatome addresses these challenges through a combination of advanced inspection technologies (e.g., high-resolution cameras, manipulators, AI-assisted analysis), rigorous inspector training, and robust documentation practices. Continuous improvement based on operational feedback further enhances the reliability and effectiveness of visual inspections and examinations.

Customer benefits

- Enhanced detection capabilities through advanced imaging technologies (e.g., high-resolution cameras, AI-assisted analysis).
- Continuous investment by Framatome in advanced technologies, comprehensive training, and robust documentation.
- Increased confidence in fuel integrity and safe plant operation.

Framatome Solutions Portfolio Fuel Field Services

Your performance
is **our** everyday **commitment**

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