

Core Mapping and Gap Measurement

Increased asset protection with reduced schedule impact

Every Innovation Has a Mission

One of utilities' top priorities in the 21st century is securing their operational excellence. Tangible results that ensure safety, quality, performance and delivery are paramount. Your teams can count on Framatome to deliver results that:

- Reduce cost
- Reduce critical path time
- Reduce overall dose
- Increase task safety and efficiency
- Resolve emergent issues quickly
- Improve plant performance and reliability

Core Mapping and Gap Measurement

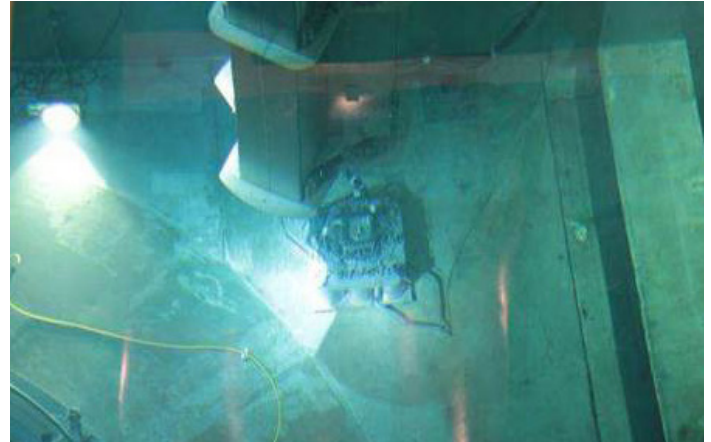
The main steps for core mapping and gap measurement (absolute cartography) include:

- Tool handling under water
- Top nozzle assembly mounted to camera system allows refuel machine to easily latch onto staged system in upper cavity
- Core data acquisition and results (one high resolution picture per assembly)
- Report issued includes the serial number of each assembly, the "S" hole location and conformance locally as well as for the entire core

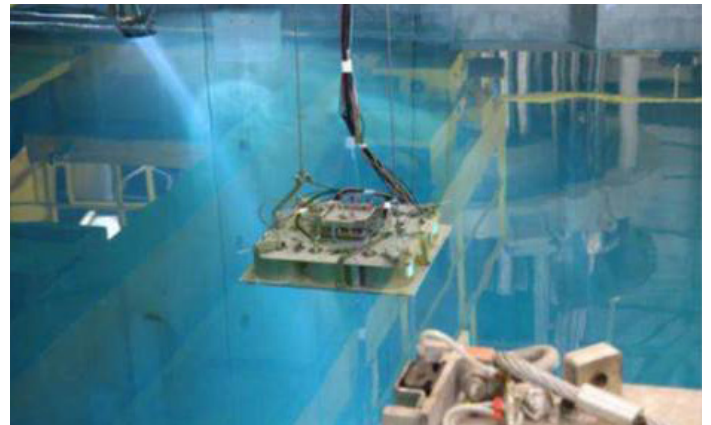
Features and Benefits

Accomplish three tasks simultaneously:

- FME scan of top nozzles post core reload
- Core mapping with serial numbers recorded for each assembly
- Gap measurements with results provided as soon as the final picture is taken



Gripper engagement by the refueling machine into a top nozzle assembly mounted to the camera system

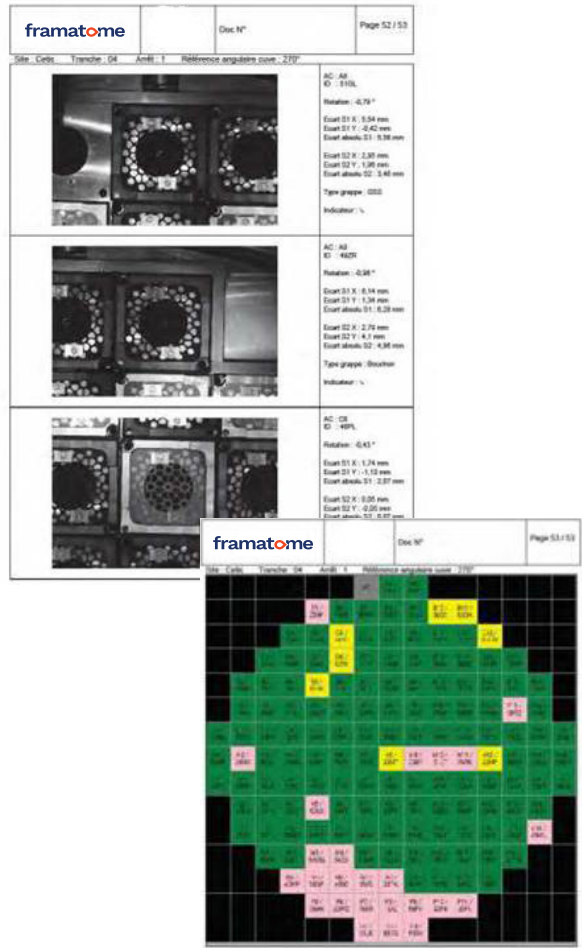


Tool handling under water

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



Core data acquisition (same number of high-resolution pictures as number of fuel assemblies)



Report issued includes the serial number of each assembly, the "S" hole location and conformance locally as well as for the entire core.

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