



**KINECTRICS**  
a **BWXT** company

# Non-Metallic Repair Solutions for Degraded Nuclear Piping

Reliable & Innovative Solution





Avoid replacing **aging pipes** in your nuclear plant.

## Why Choose this Approach?

- > We design and install non-metallic repairs, including ambient-cured **Carbon Fiber Reinforced Polymers (CFRP)**, to provide full structural repairs and avoid time consuming pipe replacement
- > Without the need for a costly excavation process, pipe removal, or pipe rerouting, aging buried pipe can be repaired **without decreasing flow capacity**

## Key Services


- Non-Metallic Repair Solutions
  - CFRP lab tested by subject-matter experts
  - Cured-in-Place-Pipe (CIPP)
  - Sprayed-in-Place-Pipe (SIPP)
- Full-Service Support
  - Design Engineering
  - Nuclear Accredited Testing Program
  - Licensing Support
  - Installation
  - In-Service Inspections
- Safety-Related Piping Solutions
- Cost-Effective Repairs
- Aging Management Program
- Quality Control & Certification Testing

## Exceptional Partnerships



- ✓ We developed our CFRP repair solution in partnership with **A&G Industrial Services**.
- ✓ A&G has over **two decades** of experience installing composite repair solutions.





With **decades** of nuclear experience, our experts have developed reliable & innovative non-metallic repair solutions.

## Why Kinectrics?



### Industry Experts

A world-class team comprised of composite and piping subject-matter experts. We collaborate to provide optimal, customized solutions for our customers.



### Decades of Experience

Our commitment to safety and quality has been proven through decades of experience working with nuclear power plants and utilities to provide the best-in-class solutions.



### Full Structural Replacement

Uniquely designed to effectively replace existing pipes in nuclear plants, without having to remove them, which delivers significant cost savings.



### Custom CFRP Repair Solutions

Our extensive test program includes long term and elevated temperature tests. Our CFRP product is verified according to ASME Code Case N-871 and PCC-2 under our certified nuclear QA program.

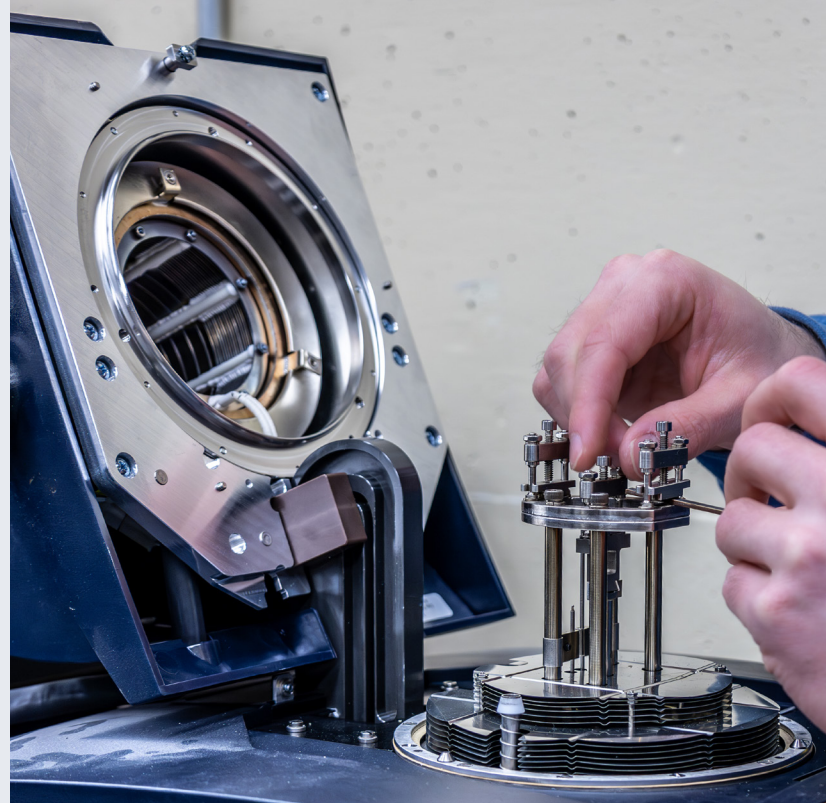
## We Can Help.



Our team delivers the full suite of services needed to **assess, design, develop, implement & license a non-metallic repair solution**, all within your plant's engineering change control/modification processes

### Get in touch!

Contact [PipeRepair@kinectrics.com](mailto:PipeRepair@kinectrics.com) for more information.



Powering innovative  
and sustainable energy  
solutions globally.

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