

Technowrap™ Engineered Composite Repairs

Composite Repair on a Nuclear Power Station

Date

March 2022

Client

Energy Company

Location

Nuclear Power Station, England

Scope

ICR's UK Onshore team was asked to complete a Technowrap™ composite repair scope at a nuclear power station site in England where replacement was not practicable due to severe access restrictions and isolation issues.

Solution

Although typical composite resin systems within a confined space area require breathing apparatus, ICR was able to use its bespoke resin system and installed a Technowrap™ engineered composite repair to eliminate the requirement. Following visual inspection and risk assessment, the area was grit blasted with the pipework remaining in service at all stages. The repair was implemented and signed off within a 3-day window.

Results & Benefits

- No hot work required, reducing safety risk
- Cost effective solution
- 20 year design life achieved
- Has led to several further scope enquiries from client



Composite repair carried out by ICR to reinstate integrity, with pipework remaining in-service at all stages of work

Client Feedback

"We would also like to pass on our thanks to your Team for the work carried out. It was a job well done with no issues and to an excellent standard."

George Roper, EDF