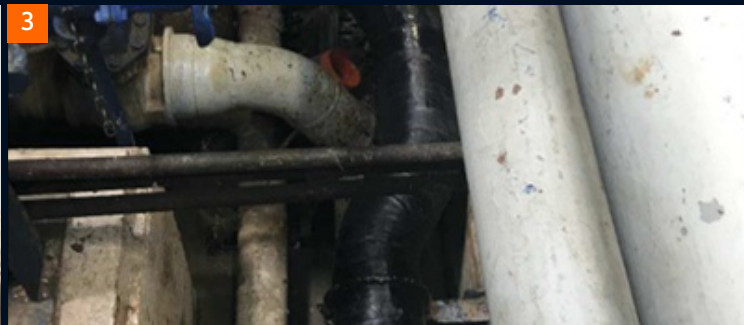
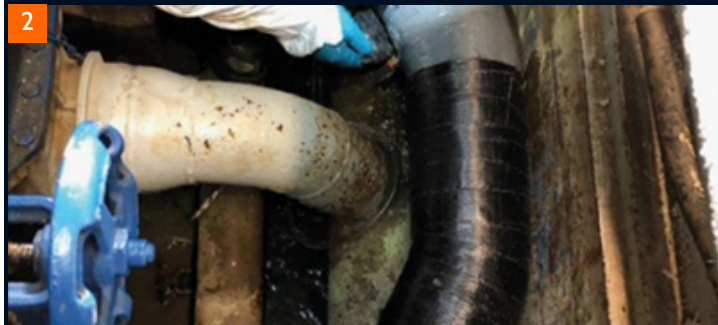


BELZONA SEALS & REINFORCES A WATER PIPELINE AT A NUCLEAR PLANT

ID: 8855



PROBLEM

The pipeline was greatly corroded (mainly external corrosion) which led to the formation of a live leak at a weld.

APPLICATION SITUATION

A leaking water cooling pipeline within a Nuclear Power Plant.

APPLICATION METHOD

The pipeline could not be shutoff therefore grit blasting was not allowed. Surface preparation was therefore done using a Belt Sander & Grinder. The leak was plugged using Belzona 1212 and any pitting rebuilt using Belzona 1161 due to its surface tolerance prior to Belzona SuperWrap II being applied. The application was carried out in accordance with Belzona System Leaflet VPF-11.

BELZONA FACTS

The application was carried out whilst the pipeline was in service therefore eliminating any downtime. The repair was also standards and calculated in accordance with ISO24817 with a 20-year design life.

INDUSTRY

Power

LOCATION

Bugey, France

APPLICATION DATE

July 2020

PRODUCTS

Belzona 1212
Belzona 1161 (UW-Super Metal)
Belzona SuperWrap II (Belzona 1982 Resin)
Belzona 9111 (Degreaser)
Belzona 9341 (Reinforcement Sheet)

SUBSTRATE

Steel

PHOTOS

- 1). Damaged pipeline.
- 2). SuperWrap II application in progress.
- 3). Finished SuperWrap II application.

For more examples of Belzona Know-How in Action, please visit khia.belzona.com

Belzona products are manufactured under an ISO 9001 Registered Quality Management System.

www.belzona.com

