

BELZONA PROTECTS FLANGES OF CONCRETE LINED PIPEWORK

ID: 688



PROBLEM

The cutting of the pipes damaged the concrete lining and would have resulted in crevice corrosion on the flange face and corrosion creep under the concrete. It was not practical to repair the concrete with more concrete.

APPLICATION SITUATION

Installation of additional valves into concrete lined cooling water pipework (ranging from 400-1200mm)

APPLICATION METHOD

Application was carried out in accordance with Belzona Know-How System Leaflets VPF-3, -13.

BELZONA FACTS

Fourteen Flanges were protected and all works completed within two days. The cooling water system operates with a maximum pressure of three bar. After inspection following three years service, the satisfied client has specified the use of Belzona 1111 for other damaged concrete lined pipes

INDUSTRY

Power

LOCATION

Power Station, Germany

APPLICATION DATE

August 2002

PRODUCTS

Belzona 1111 (Super Metal)
Belzona 9411 (Release Agent)

SUBSTRATE

Concrete and Carbon Steel

PHOTOS

1. Blasted steel flange face – note concrete lining also prepared
2. Use of formers as per VPF-13.
3. Completed application
4. Inspection after 3 years service

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

