

BELZONA PROTECTS CW PIPES AND BENDS

CUSTOMER

Power Station, UK

APPLICATION DATE

May 2001

APPLICATION SITUATION

Main intake pipework drawing sea water into the power station.

PROBLEM

As a relatively new power plant on the banks of tidal estuary, the CW pumps and ancillary pipe work were showing significant erosion and corrosion after a short period of service. They were pumping large volumes of water from the river, which is very erosive even after it has been screened.

PRODUCTS

Belzona® 1311 (Ceramic R-Metal)

Belzona® 1321 (Ceramic S-Metal)

SUBSTRATE

Mild Steel

APPLICATION METHOD

Application was carried out in accordance with Belzona Know-How System Leaflets VPF-1 & VPF-2. Particular attention was paid to washing and blasting to remove salts, then badly eroded areas were re-built with Belzona® 1311 and then two coats of Belzona® 1321 applied.

BELZONA FACTS

The first bend, which is shown in the photographs, was opened up in March 2007 with a view to being refurbished. However when it was inspected, it was found to be in perfect condition.

PICTURES

1. Bend being power washed to remove salts
2. & 3. Coated bend



1.



2.



3.

For more examples of *Belzona Know-How In Action*, please visit <http://khia.belzona.com>



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