

Main Cooling Water Pumps Protected with Belzona



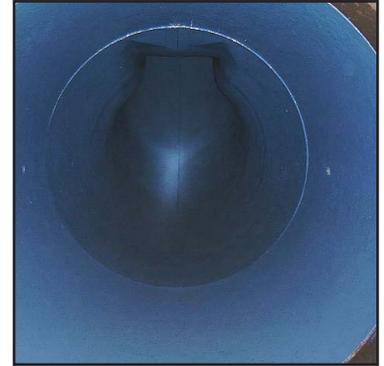
Scale of pumps can be gauged from the delivery tubes



Suction side coated



Degree of corrosion evident on the delivery tubes



Completed coating

STATISTICS

CUSTOMER

Coal fired power station,
UK

APPLICATION DATE

2004

SUBSTRATE

Cast iron

PRODUCTS

Belzona® 1111
Belzona® 1341

APPLICATION SITUATION

Allen Gwynnes cooling pumps. These pumps are capable of delivering 120,000 gallons of cooling water per minute.

PROBLEM

Erosion corrosion particularly on main wearing rings, cut water and delivery tubes.

APPLICATION METHOD

Carried out in accordance with Belzona system leaflets CEP-1 & -3. Particular attention was paid to surface preparation with repeated steam cleaning and grit blasting used to remove salt contamination.

BELZONA FACTS

A competitive ceramic coating had previously been used. Although lower in cost it did not provide the efficiency enhancement that Belzona® 1341 does with its subsequent pay-back. Application still OK in 2007.