

BELZONA REPAIRS ACW PUMP

CUSTOMER

Nuclear Power Station, UK

APPLICATION DATE

September 2007

APPLICATION SITUATION

Auxiliary cooling water pump

PROBLEM

Severe abrasion damage to cutwater area of the pump meant loss of efficiency.

PRODUCTS

Belzona® 1311 (Ceramic R Metal)

Belzona® 1321 (Ceramic S Metal)

SUBSTRATE

Cast steel

APPLICATION METHOD

Application was carried out in accordance with modified versions of Belzona Know-How system leaflets CEP-1 & -3. An anchor point was drilled and fixed through the casing. Belzona® 1311 was used to restore the required profile using timber formers to gain required shape. Belzona® 1321 applied to give area erosion corrosion protection.

BELZONA FACTS

This pump had lasted only two years before these repairs were required. The repaired pump has been in service since 2007 and is still running with no additional repairs required.

PICTURES

1. Damaged area with anchor pin in place
2. Former in position
3. Damaged area rebuilt with Belzona® 1311
4. Finished job after application of Belzona® 1321



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



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