

# BELZONA REPAIRS ACW PUMP

ID: 1393

Industry: Power  
Application: CEP-Centrifugal Pumps  
Substrate: Cast steel  
Products: \* Belzona® 1311 (Ceramic R Metal) ,  
\* Belzona® 1321 (Ceramic S Metal) ,

Customer Location: Nuclear Power Station, UK  
Application Date: September 2007

## Problem

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



## Photograph Descriptions

- \* Damaged area with anchor pin in place ,
- \* Former in position ,
- \* Damaged area rebuilt with Belzona® 1311 ,
- \* Finished job after application of Belzona® 1321 ,

## Application Situation

Auxiliary cooling water pump

## 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.

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

ISO 9001:2015  
FS 695214  
ISO 14001:2015  
EMS 695213

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