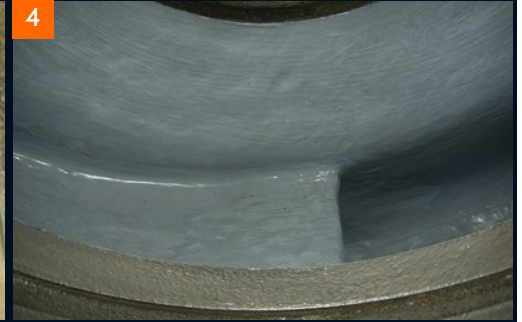


BELZONA REBUILT CUTWATER EDGE OF COOLING PUMP

ID: 1481



PROBLEM

Erosion and corrosion caused wear of cutwater edge and as a result reduced pump efficiency occurred

APPLICATION SITUATION

Double Suction Centrifugal Cooling Pump

APPLICATION METHOD

Application procedures were carried out in accordance with Belzona Know-How System Leaflets CEP-1 and CEP-3.

BELZONA FACTS

Previous attempts were made by welding of cutwater edge but without success and additionally stress cracks were appeared. Belzona cold applied approach for pump cutwater rebuild saved both time and money over traditional repairs by welding and machining without secondary problems.

INDUSTRY

Power

LOCATION

Nuclear Power Plant, Bulgaria

APPLICATION DATE

May, 2010

PRODUCTS

Belzona 1311 (Ceramic R-Metal)
Belzona 1321 (Ceramic S-Metal)

SUBSTRATE

Cast iron

PHOTOS

1. Cutwater after grid blasting
2. Preparation of cutwater framework for screwing steel mesh
3. Cutwater profile restoration with Belzona 1311 in progress
4. Completed application with two coats Belzona 1321

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.

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