

BELZONA REPAIRS SLURRY PUMP

ID: 5224



PROBLEM

One of the plant's ash slurry pumps showed signs of severe erosion. Due to the extreme pitting and metal loss caused by entrainment, the plant would have resigned to discarding this pump and replacing it with a new one.

APPLICATION SITUATION

Scheduled maintenance outage at power plant for an in-service ash slurry pump.

APPLICATION METHOD

Belzona offered a perfect alternative to replacing this stainless steel classifier pump. The application was carried out in accordance with Belzona Know-How System Leaflet SHM-11 using Belzona 1812.

BELZONA FACTS

In the past, this pump would have been scrapped and replaced, at a cost of \$6,500. The Belzona solution only costs \$1,000 and can be easily accomplished by the in-house plant maintenance personnel, thus saving the power company well over \$5,000 on only one pump.

INDUSTRY

Power

LOCATION

Kansas, USA

APPLICATION DATE

October 2003

PRODUCTS

Belzona 1812 (Ceramic Carbide FP)

SUBSTRATE

Stainless steel

PHOTOS

1. Plant site overview
2. Damaged pump prior to blasting
3. Blasted surface of pump
4. Completed application

For more examples of Belzona Know-How in Action, please visit khia.belzona.com

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