

# BELZONA REPAIRS SLURRY PUMP

ID: 5224

Industry: *Power*

Customer Location: *Kansas, USA*

Application: *SHM-Solids Handling Machinery*

Application Date: *October 2003*

Substrate: *Stainless steel*

Products: *\* Belzona 1812 (Ceramic Carbide FP) ,*

## 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.*



## Photograph Descriptions

- \* Plant site overview ,
- \* Damaged pump prior to blasting ,
- \* Blasted surface of pump ,
- \* Completed application ,

## 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.

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

ISO 9001:2015

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Management System.

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