

## BELZONA REPAIRS SLURRY PUMP

### CUSTOMER

Power Plant, Kansas, USA

### APPLICATION DATE

October 2003

### APPLICATION SITUATION

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

### 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.

### PRODUCTS

Belzona 1812 (Ceramic Carbide FP)

### SUBSTRATE

Stainless steel

### 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.

### PICTURES

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



1.



2.



3.



4.

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



ISO 9001:2008  
Q 09335  
ISO 14001:2004  
EMS 509612

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