

## BELZONA REPAIRS BUTTERFLY VALVE GASKET

**CUSTOMER**  
MO, USA

**APPLICATION DATE**  
September 2006

### APPLICATION SITUATION

The customer scheduled a maintenance outage to build the gasket with the Belzona elastomer for the butterfly valve to prevent delay with reinstalling.

### PROBLEM

The butterfly valve from the main circulating water system of the power plant was removed for maintenance and required a new gasket prior to re-installation.

### PRODUCTS

Belzona 2131 (D & A Fluid Elastomer)

### SUBSTRATE

Cast Iron and Steel

### APPLICATION METHOD

The application was carried out in accordance with Belzona Know-How System Leaflet GSS-1 using Belzona 2131. After grit blasting the surface, heavy gauge wire was used to form a channel to apply Belzona 2131 to the proper thickness.

### BELZONA FACTS

The Belzona solution was less than the cost of the OEM gasket, but was chosen more to alleviate the difficulty of positioning the valve back in-line below the surface of the river with a separate, loose gasket which could easily lead to mechanical damage and/or improper sealing.

### PICTURES

1. Blasted butterfly valve gasket
2. Application of product
3. Finished repair
4. Close-up of gasket prior to installation



1.



2.



3.



4.

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



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