

## BELZONA® MAIN INTAKE PUMPS

### CUSTOMER

Nuclear Power Plant in Florida, U.S.A.

### APPLICATION DATE

August, 1996

### APPLICATION SITUATION

Four main intake pumps at power plant

### PROBLEM

A hole in the diverter caused turbulence and erosion within the pump.

### PRODUCTS

Belzona® 1311 (Ceramic R-Metal)

Belzona® 1321 (Ceramic S-Metal)

### SUBSTRATE

Aluminum, Bronze

### APPLICATION METHOD

Application was carried out in accordance with Belzona Know-How System Leaflets CEP-3, 5 and CEP-6.

### BELZONA FACTS

The hole in the diverter was causing a power drop from 100 to 80%. This was costing the power plant \$140,000 a day. Conventional replacement would have taken 45 days. The Belzona repair was accomplished in 2 days including cure time.

### PICTURES

1. Hole in diverter is patched.
2. Work commences.
3. Erosion damage rebuilt with Belzona® 1311.



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



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