

BELZONA MAIN INTAKE PUMPS

ID: 58



PROBLEM

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

APPLICATION SITUATION

Four main intake pumps at power plant

APPLICATION METHOD

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

INDUSTRY

Power

LOCATION

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

APPLICATION DATE

August 1996

PRODUCTS

Belzona1311 (Ceramic R-Metal)

Belzona1321 (Ceramic S-Metal)

SUBSTRATE

Aluminum, Bronze

PHOTOS

1. Hole in diverter is patched
2. Work commences
3. Erosion damage rebuilt with Belzona 1311 (Ceramic R-Metal)

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