

BELZONA MAIN INTAKE PUMPS

ID: 58

Industry: Power
Application: CEP-Centrifugal Pumps
Substrate: Aluminum, Bronze
Products: * Belzona®1311 (Ceramic R-Metal) ,
* Belzona®1321 (Ceramic S-Metal) ,

Customer Location: Nuclear Power Plant in Florida, U.S.A.
Application Date: August 1996

Problem

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



Photograph Descriptions

- * Hole in diverter is patched ,
- * Work commences ,
- * Erosion damage rebuilt with Belzona® 1311 (Ceramic R-Metal) ,

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.

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

ISO 9001:2015
FS 695214
ISO 14001:2015
EMS 695213

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manufactured under an ISO
9000 Registered Quality
Management System.

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