

# Belzona restores a pump from a nuclear power plant

ID: 7902

Industry: Power

Customer Location: France

Application: CEP-Centrifugal Pumps

Application Date: October 2017

Substrate: Carbon steel

Products: \* Belzona 1311 (Ceramic R-Metal) ,

\* Belzona 1341 (Supermetalglide) ,

## Problem

The substrate was badly damaged by corrosion and erosion and needed to be rebuilt and protected



## Photograph Descriptions

- \* 1- Pump 1 Before/After ,
- \* 2- Pump 2 Before/After ,
- \* 3- Pump 3 Before/After ,
- \* 4- Pump 4 Before/After ,

## Application Situation

Pump internal surface

## Application Method

The application was carried out in accordance with Belzona System Leaflet CEP-1.

The substrate was first prepared by grit blasting. Then, Belzona 1311 was used to rebuild the damaged areas. Belzona 1341 was finally used on the whole internal surface to provide a protection against corrosion and erosion.

## Belzona Facts

The lifetime and the efficiency of this equipment have been extended thanks to this Belzona system

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ISO 9001:2015

FS 695214

ISO 14001:2015

EMS 695213

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9000 Registered Quality  
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