

# BELZONA PROTECTS CONDENSOR JOINT FOR TWENTY YEARS

ID: 1184

Industry: Power

Customer Location: Nuclear Plant, USA

Application: VPF-Valves, Pipes and Fittings

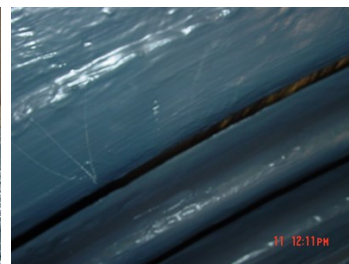
Application Date: 1989

Substrate: Carbon Steel

Products: <div>Belzona® 1311 (Ceramic R Metal)</div><div>Belzona® 1321 (Ceramic S Metal)</div>

## Problem

Joints could not be replaced in the short nuclear plant refueling outage. Corrosion had caused holes in the metal expansion joints.



## Photograph Descriptions

\* The original repair , \* Overall view of the repair , \* Rebuild with Belzona® 1311 , \* Two coats of Belzona® 1321 applied over the joints ,

## Application Situation

Carbon Steel expansion joints below the condensor corroding due to bimetallic corrosion.

## Application Method

Application carried out in accordance with Belzona Know-How System Leaflets VPF-1 & -2.

## Belzona Facts

First repair lasted 20 years. Although the unit had been down 10 of those years. When the unit was restarted the engineers inspected the old Belzona and found it in excellent shape with only minor damage. It was decided to remove the old Belzona and rework the project. A dozen joints were repaired and coated.

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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