

# BELZONA REPAIRS HIGH VOLTAGE BREAKER

ID: 5233

Industry: Power

Customer Location: New England, USA

Application:

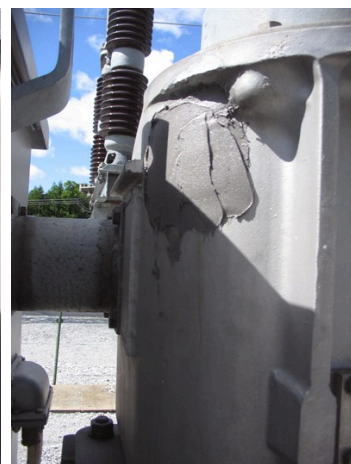
Application Date: Summer 2010

Substrate: Cast Aluminum

Products: \* Belzona 1111 (Super Metal) ,

## Problem

The aluminum casting on a SF6 High Voltage Breaker cracked, causing coolant to leak out and create a dangerous operating situation. Dismounting and replacing the breaker was not an option as no spare breaker was available for months.



## Photograph Descriptions

- \* Overview of the converter station ,
- \* The leaking area ,
- \* Completed surface preparation ,
- \* Completed application ,

## Application Situation

SF6 High Voltage Breaker.

## Application Method

The surface preparation was carried out with a hand tool grinder and the application was done in accordance with Belzona Know-How System Leaflet TCC-1.

## Belzona Facts

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

Belzona products are  
manufactured under an ISO  
9000 Registered Quality  
Management System.

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Repair • Protect • Improve

Outages are scheduled months in advance and require Grid operator approval. The station was in a scheduled outage when the leak was discovered. No replacement was immediately available so Belzona 1111 was used to get the plant back on-line on schedule, thus saving thousands of dollars.

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