

BELZONA REPAIRS HIGH VOLTAGE BREAKER

ID: 5233



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.

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

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.

INDUSTRY

Power

LOCATION

New England, USA

APPLICATION DATE

Summer 2010

PRODUCTS

Belzona 1111 (Super Metal)

SUBSTRATE

Cast Aluminum

PHOTOS

1. Overview of the converter station
2. The leaking area
3. Completed surface preparation
4. Completed application

For more examples of Belzona Know-How in Action, please visit khia.belzona.com

Belzona products are manufactured under an ISO 9001 Registered Quality Management System.

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