# BELZONA OFFERS PROTECTION BY SEALING INSULATOR BASES

ID: 5331

Industry: Power Customer Location: Montana, USA

Application: GSS-Gaskets, Seals and Shims
Substrate: Concrete, Tar and Ceramic

Products: \* Belzona 3111 (Flexible Membrane),

\* Belzona 3911 (PSC Surface Conditioner),

\* Belzona 3921 (GSC Surface Conditioner),

\* Belzona 9311 (Reinforcing Sheet),

### Problem

The bases of the insulators had been sealed and re-sealed many times but it never lasted long, thus water would begin to leak through the base. The switch gear below carries 100,000 volts of electricity which would not react well if the water hit the wrong spot.







Application Date: 1986



## **Photograph Descriptions**

- \* Arrow shows damaged area,
- \* Applying Belzona 3911,
- \* Brushing on reinforced Belzona 3111,
- \* Brushing on reinforced Belzona 3111,

# **Application Situation**

100,000 volt insulators.

## **Application Method**

Loose tar was removed. Belzona 3911 was brushed on the concrete and Belzona 3921 was brushed on the insulator. Two coats of Belzona 3111 were brushed on, incorporating reinforcing sheet in the first coat. The application was carried out in accordance with a modified version of Belzona Know-How System Leaflet GSS-3.

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

ISO 9001:2015 Belzona products are
FS 695214 manufactured under an ISO
ISO 14001:2015 9000 Registered Quality
EMS 695213 Management System.

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# Belzona Facts The alternative was more tar. They already knew that it was only a short term solution. The solution with Belzona 3111 will prevent water penetration for many years.

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