

BELZONA SEAL SOLUTIONS FOR GENERATORS

ID: 463



PROBLEM

Generator housing was worn and the concrete that the housing was set into over 40 years ago had deteriorated, causing movement of the housing.

APPLICATION SITUATION

Generator housing

APPLICATION METHOD

Application was carried out in accordance with modified versions of Belzona Know-How System Leaflets GSS-8 and GSS-9.

BELZONA FACTS

A slurry mix was made of Belzona® 4111 and Belzona® 4151 so it could be injected through the steel in concrete voids. Following this, Belzona® 1311 was used to provide an even seat for the generator to set upon.

INDUSTRY

Power

LOCATION

Power station on the St. Lawrence Seaway - Canada

APPLICATION DATE

June 2004

PRODUCTS

Belzona 1311 (Ceramic R-Metal)
Belzona 4111 (Magma-Quartz)
Belzona 4151 (Magma-Quartz Resins)

SUBSTRATE

Concrete and steel

PHOTOS

1. Traversing the St. Lawrence Seaway takes some 8.5 sailing days
2. Slurry mix of Belzona Systems being injected into the voids
3. Formers were fabricated to rebuild the inside seat area
4. Inside seat reformed

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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