

RELINING OF COOLING WATER HEAT EXCHANGERS

ID: 9576



PROBLEM

Existing rubber lining was in need of replacement. Belzona was chosen to repair divider bar and reline waterbox and tubesheet. 1311 was used for repair work and 1331 was chosen as the lining. Joints between waterbox and cover/tubesheet were sealed with 2111 and 2141.

APPLICATION SITUATION

This nuclear facility was looking for a long term solution for corrosion protection in their raw sea water heat exchanger.

APPLICATION METHOD

Steel was abrasive blasted to SSPC SP10. Divider bar was repaired using a Belzona Applicator and a former. Lining was stripe coated by brush and two full coats applied by spray.

BELZONA FACTS

Belzona was chosen because of the history of excellent performance and support in this plant.

INDUSTRY

Power

LOCATION

Point Lapreau New Brunswick

APPLICATION DATE

March 2017

PRODUCTS

Belzona 1311 (Ceramic R-Metal)
Belzona 1331
Belzona 2111 (D & A Hi-Build Elastomer)
Belzona 2141 (ACR-Fluid Elastomer)
Belzona 2911 (Elastomer QD Conditioner)

SUBSTRATE

Carbon steel

PHOTOS

1. Application of Belzona 1331
2. Repaired divider bar
3. Full coat of Belzona 1331 being applied
4. Inspections after 6 years showed no signs of corrosion. The Belzona products were in excellent shape.

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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