# **40+ YEAR OLD CONDENSERS RESTORED WITH BELZONA**

ID: 841

Industry: Power Customer Location: Power Plant, Illinois

Application: HEX-Heat Exchangers Application Date: May 2007

Substrate: Muntz metal

Products: \* Belzona® 1321 (Ceramic S-Metal),

\* Belzona® 1311 (Ceramic R-Metal),

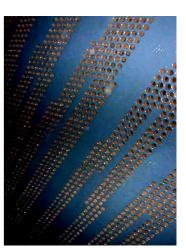
#### Problem

The leaks caused a rise in the condensate return water silicon content from 200 ppm to 4,600 ppm which in turn contaminates the boiler and contributes to corrosion.









## **Photograph Descriptions**

- \* Blast cleaned tube sheet,
- \* Coating underway,
- \* Completing the application ,
- \* Finished application,

#### **Application Situation**

Leaks between the stainless steel tubes and Muntz metal tube sheets on eight tube sheets

## **Application Method**

Application carried out in accordance with Belzona System Leaflet HEX-1 & HEX-3.

#### **Belzona Facts**

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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Successful history of Belzona applications at this and other power plants made Belzona a logical choice. Cost savings over replacement costs were enormous and months of downtime saved. Belzona products were immediately available from stock allowing work to commence immediately problem identified.	