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),

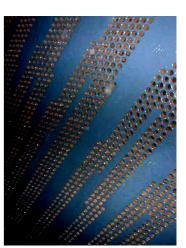
Problem

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.

www.belzona.com

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.

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