

40+ YEAR OLD CONDENSERS RESTORED WITH BELZONA

ID: 841

Industry: Power
Application: HEX-Heat Exchangers
Substrate: Muntz metal
Products: * Belzona® 1321 (Ceramic S-Metal) ,
* Belzona® 1311 (Ceramic R-Metal) ,

Customer Location: Power Plant, Illinois
Application Date: May 2007

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
FS 695214
ISO 14001:2015
EMS 695213

Belzona products are
manufactured under an ISO
9000 Registered Quality
Management System.

www.belzona.com

BELZONA
Repair • Protect • Improve

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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