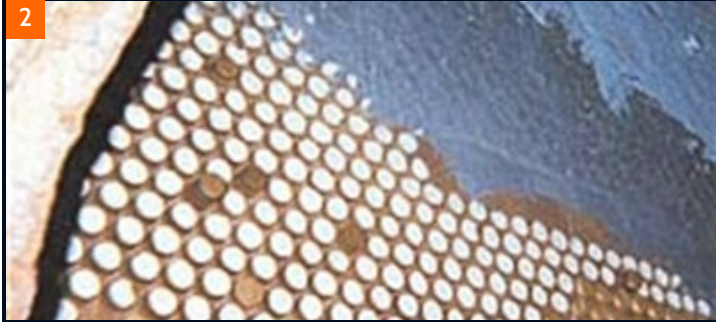


BELZONA RESTORES FOUR CONDENSER TUBE SHEETS IN FIVE DAYS

ID: 241



PROBLEM

Insertion of new stainless steel sleeves caused ligament damage to the inlet tube sheets resulting in severe tube to tube sheet leaks and a forced outage.

APPLICATION SITUATION

Condenser tube sheets of 350 MW generator - each contains 6, 453 tubes.

APPLICATION METHOD

The application was carried out in accordance with Belzona Know-How System Leaflet HEX-1. The entire application of all four tube sheets, including blasting, occurred within five days with a crew of approximately 28 men.

BELZONA FACTS

Shutdown of the #4 generator resulted in revenue losses of over \$140,000 per day. Not only did the Belzona crew cut the down time by 75%, the final application has resulted in the highest efficiency the unit has recorded in its entire operating history.

INDUSTRY

Power

LOCATION

Power plant in Denver, Colorado

APPLICATION DATE

February 2000

PRODUCTS

Belzona 1121 (Super XL-Metal)
Belzona 1341 (Supermetalgilde)

SUBSTRATE

Bronze tube sheets, copper tubes, stainless steel inserts.

PHOTOS

1. Initial view of bottom of one tube sheet prior to grit blasting
2. Application of Belzona 1121 and Belzona 1341 underway
3. Completed tube sheet ready to go online

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.

www.belzona.com

