

Nuclear HEX Refurbished with Belzona

ID: 7797

Industry: Power
 Application: HEX-Heat Exchangers
 Substrate: Carbon Steel
 Products: * Belzona 1511 (Super HT-Metal),
 * Belzona 1391T,

Customer Location: Slovenia
 Application Date: October 2016

Problem

River water used for the cooling system had cause corrosion and pitting on the tube sheet of a heat exchanger.



Photograph Descriptions

- * 1.) Corroded Tube Sheet ,
- * 2.) Rebuilding with Belzona 1511 in progress ,
- * 3.) Repairs completed with Belzona 1391T ,
- * 4.) Close up of HEX after 18 months in service, still in perfect condition ,

Application Situation

Cooling system heat exchanger in nuclear power station.

Application Method

The application was carried out in accordance with Belzona System Leaflet HEX-01.

Belzona Facts

Replacement was the only alternative to the repairs, however this is very costly. Due to very high cost of downtime, the application had to be carried out within a short window. The local Belzona Distributor was able to offer a speedy repair due to their many years of application experience. The application required careful planning and a larger than normal work force. Only when the customer was satisfied that the application could be carried out within the time window were they convinced to proceed with the application instead of ordering a replacement. Heat exchanger inspected after 18 months of being service and still shown to be in perfect condition.

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