

FOUR LARGE CONDENSERS PROTECTED WITH BELZONA

CUSTOMER

Nuclear power plant, Jaslovské Bohunice, Slovakia

APPLICATION DATE

July-September, 2007 & June-September, 2008

APPLICATION SITUATION

4 main condensers at Nuclear power plant. A single heat exchanger has 36.784 tubes.

PROBLEM

The client wanted to protect new tube sheets against bimetallic corrosion and tubes against corrosion/erosion. Also required to protect the condenser water boxes.

PRODUCTS

Belzona 1341 (Supermetalgilde)

Belzona 5811 (Immersion Grade)

SUBSTRATE

Steel

APPLICATION METHOD

The application was carried out in accordance with Belzona Know-How System Leaflets HEX-1, HEX-2 & HEX-3

BELZONA FACTS

Each tube (diameter 22 mm) was protected with Belzona® 1341 up to 15 cm inside by special roller. Water boxes were sprayed with Belzona® 5811, whilst tubesheets were protected with Belzona® 1341. The job was done in 2 shifts (12 hours/shift) per day.

PICTURES

1. 1 condenser 4 boxes on one side
2. Before reconstruction
3. Test for the surface contamination
4. Tubesheet and water boxes protected with Belzona



For more examples of *Belzona Know-How In Action*, please visit <http://khia.belzona.com>



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