BELZONA PROTECTS CONDENSOR JOINT FOR TWENTY YEARS

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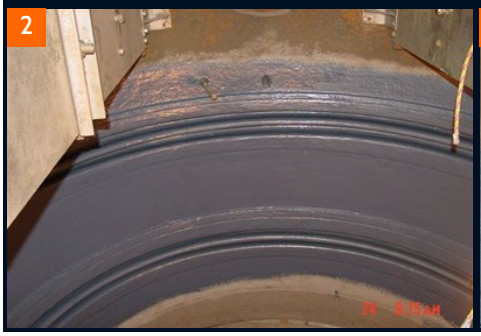

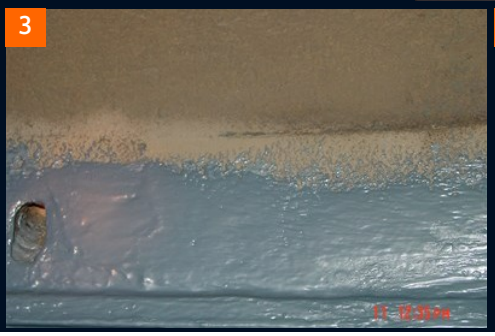

PROBLEM
Joints could not be replaced in the short nuclear plant refueling outage. Corrosion had caused holes in the metal expansion joints.

APPLICATION SITUATION
Carbon Steel expansion joints below the condensor corroding due to bimetallic corrosion.

APPLICATION METHOD
Application carried out in accordance with Belzona Know-How System Leaflets VPF-1 & -2.

BELZONA FACTS
First repair lasted 20 years. Although the unit had been down 10 of those years. When the unit was restarted the engineers inspected the old Belzona and found it in excellent shape with only minor damage. It was decided to remove the old Belzona and rework the project. A dozen joints were repaired and coated.

INDUSTRY
Power

LOCATION
Nuclear Plant, USA

APPLICATION DATE
1989

PRODUCTS
Belzona 1311 (Ceramic R Metal)Belzona 1321 (Ceramic S Metal)

SUBSTRATE
Carbon Steel

PHOTOS
1. The original repair
2. Overall view of the repair
3. Rebuild with Belzona 1311
4. Two coats of Belzona 1321 applied over the joints