BELZONA EXTENDS VALVE BODY LIFE

Industry:	Power
Application:	VPF-Valves, Pipes and Fittings
Substrate:	Cast Iron
Products:	* Belzona® 1111 (Supermetal) ,
	* Belzona [®] 2141 (ACR-Fluid Elastomer) ,

Customer Location: *Power station, Kent, UK.* Application Date: *September 2013* ID: 4719

Problem

The valve body was suffering from cavitation and would only last 4-6 weeks before breaking through the casting.



Photograph Descriptions

- * Through wall erosion damage,
- * Blasted and Belzona® 1111 applied ,
- * Belzona[®] 2141 being applied ,
- * Finished application,

Application Situation

Valve from the water cooling system in the power station.

Application Method

The application was carried out in accordance with Belzona Know-How System Leaflet VPF-1 and VPF-2.

Belzona Facts

The valves are supplied on a regular basis and previous coating would erode very quickly and the valve body would need replacing every 4-6 weeks. Using Belzona[®] 2141 system the effects of the cavitaion have singinficatly been lowered resulting in less downtime & cost savings.

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.

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