

BELZONA REPAIRS A 75-YEAR OLD VALVE FLAPPER

ID: 5350

Industry: Power
Application: ENC-Engines and Casings
Substrate: Cast iron
Products: * Belzona 1111 (Super Metal) ,
* ,

Customer Location: OR, USA
Application Date: 2013

Problem

Cast Iron flapper disc had developed a crack. The check valve was 75 years old.



Photograph Descriptions

- * Flapper disc showing the crack at 1 o'clock. ,
- * Drilling the crack to place studs. ,
- * Area prepared, studs in place. ,
- * Belzona 1111 applied with reinforcement sheet, applicator taped in place to smooth the seal area. ,

Application Situation

Hydro Dam Check Valve Flapper

Application Method

The application was carried out in accordance with Belzona System Leaflet ENC-1. The plastic applicator was used to form the face in the seal area.

Belzona Facts

Because the check valve was 75 years old there was no replacement available. Fabricating a new flapper from steel was just too expensive.

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ISO 9001:2015
FS 695214
ISO 14001:2015
EMS 695213

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