MULTIPLE BELZONA REPAIRS TO 72" DIAMETER STEEL PIPE EMBEDDED IN CONCRETE

ID: 75

Industry: Power Customer Location: Nuclear Power Plant in New Jersey

Application: VPF-Valves, Pipes and Fittings Application Date: February 1996

Substrate: Carbon steel (ASTM A283 grade C)
Products: * Belzona® 1311 (Ceramic R-Metal),

* Belzona® 1321 (Ceramic S-Metal),

* Belzona® 2111 (D&A Hi-Build Elastomer),

* Belzona® 4111 (Magma-Quartz),

Problem

The 72" diameter steel pipe embedded in concrete was corroded and had developed through wall leaks.







Photograph Descriptions

- * View of the eroded pipe before work commenced ,
- * Completed application to steel pipe ,
- * Overall view of repair area showing patch repairs to concrete pipe and application to steel pipe in background,

Application Situation

Service water system piping (condenser outlet pipe to cooling tower)

Application Method

Application was carried out in accordance with Belzona Know-How Leaflets VPF-1, VPF-2 and FPA-6.

Belzona Facts

The Belzona repair saved four additional outage days over alternative repairs saving an estimated \$4 million.

For more examples of Belzona Know - How In Action, please visit https://khia.belzona.com

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FS 695214 manufactured under an ISO
ISO 14001:2015 9000 Registered Quality
EMS 695213 Management System.

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