

BELZONA 2111 RESTORES WATER VALVE WEAKENED EXPANSION JOINT AT POWER PLANT

ID: 9894



PROBLEM

Our client's water valve on one of the power units had sprung a small leak that measured around 2 inches long. The unit was as old as the plant (40+ years) and once drained, we had discovered dry rot/wear where the leak had appeared from pressure. The leak needed to be fixed and we wanted to also address the remainder of the expansion joint to prevent future leaks.

APPLICATION SITUATION

The water valve was leaking causing a large amount of water to escape and Belzona offered a quick fix. The customer could bring the valve down and we repaired in half a day. They were able to go online the next morning.

APPLICATION METHOD

An MBX grinder and roughing brush were used to prepare the expansion joint and surrounding steel that needed to be addressed. Belzona 2911 conditioner and Belzona 2111 were mixed and applied with a brush and applicator.

BELZONA FACTS

Belzona offered a great solution that was relatively inexpensive. It offered an "in-situ" option that didn't require the removal of the valve.

INDUSTRY

Power

LOCATION

Wilsonville, AL

APPLICATION DATE

January 2025

PRODUCTS

Belzona 2111 (D & A Hi-Build Elastomer)
Belzona 2911 (Elastomer QD Conditioner)

SUBSTRATE

Rubber

PHOTOS

1. Completion Photo 1: Access Into the Valve provided a chance to apply Belzona 2911, 2111 directly on the inside of where the leak had occurred. These products applied after preparing the steel+rubber.
2. Completion Photo 2: Exterior View of Belzona 2111 applied to the Entirety of the Expansion Joint
3. Completion Photo 3: Close Up of Exterior Repair
4. Completion Photo 4: Full View of Exterior Repair

For more examples of Belzona Know-How in Action, please visit khia.belzona.com

Belzona products are manufactured under an ISO 9001 Registered Quality Management System.

www.belzona.com

