

# Belzona Stops Cooling Tower Leaks

ID: 527

Industry: Power

Customer Location: Independent Power Plant in South Texas,  
USA

Application: FPA-Floor Problem Areas

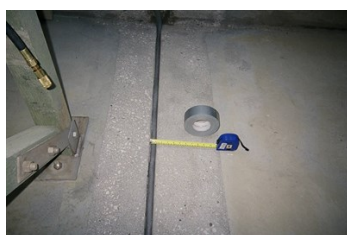
Application Date: March 2005

Substrate: Concrete

Products: \* Belzona 2211 (MP Hi-Build Elastomer) ,  
\* Belzona 2221 (MP Fluid Elastomer) ,  
\* Belzona 2911 (Elastomer QD Conditioner) ,

## Problem

Leaks in expansion joints were causing losses of valuable cooling water. Client needed a cost effective way to stop the leaks.



## Photograph Descriptions

- \* 1. Large Cooling Tower ,
- \* 2. Joint blasted and backer installed ,
- \* 3. Belzona 2221 being poured into joint ,
- \* 4. Next day- finished repair. Joint holds back rainwater .

## Application Situation

Plant planned a short outage to seal the water leaks. Belzona needed to be there non-stop to supervise these repairs.

## Application Method

Remove old sealants. Grit blast and and insert backer. Apply 2911 and Belzona 2211 to verticals and Belzona 2221 to horizontals.

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.

[www.belzona.com](http://www.belzona.com)

  
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## Belzona Facts

The use of Belzona elastomers was cost effective over alternative materials. Belzona know how allowed for a faster repair than alternatives.

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