

# BELZONA SEALS JOINTS ON COOLING TOWER

ID: 14

Industry: Power

Customer Location: Nuclear Power Plant in the Northeast,  
U.S.A.

Application: HEX-Heat Exchangers

Application Date: February 1997

Substrate: Concrete, existing joint sealant

Products: \* Belzona® 3121 (MR7) ,  
\* Belzona® 3921 (GSC Surface Conditioner) ,  
\* Belzona® 9311 (Reinforcing Sheet) ,

## Problem

Leaking joints prevented tower de-icing system to function properly, resulting in ice damage to concrete tower.



## Photograph Descriptions

- \* The damaged expansion joint sealant. ,
- \* Application in progress. ,
- \* All joints sealed. ,

## Application Situation

Expansion joints on natural draft cooling tower.

## Application Method

Application was carried out in accordance with a modified version of Belzona Know-How Leaflet HEX-13b.

## Belzona Facts

All repair work was completed during a scheduled plant outage. The Belzona system was installed at 18°F. Inspection 18 months later revealed excellent performance.

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

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9000 Registered Quality  
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