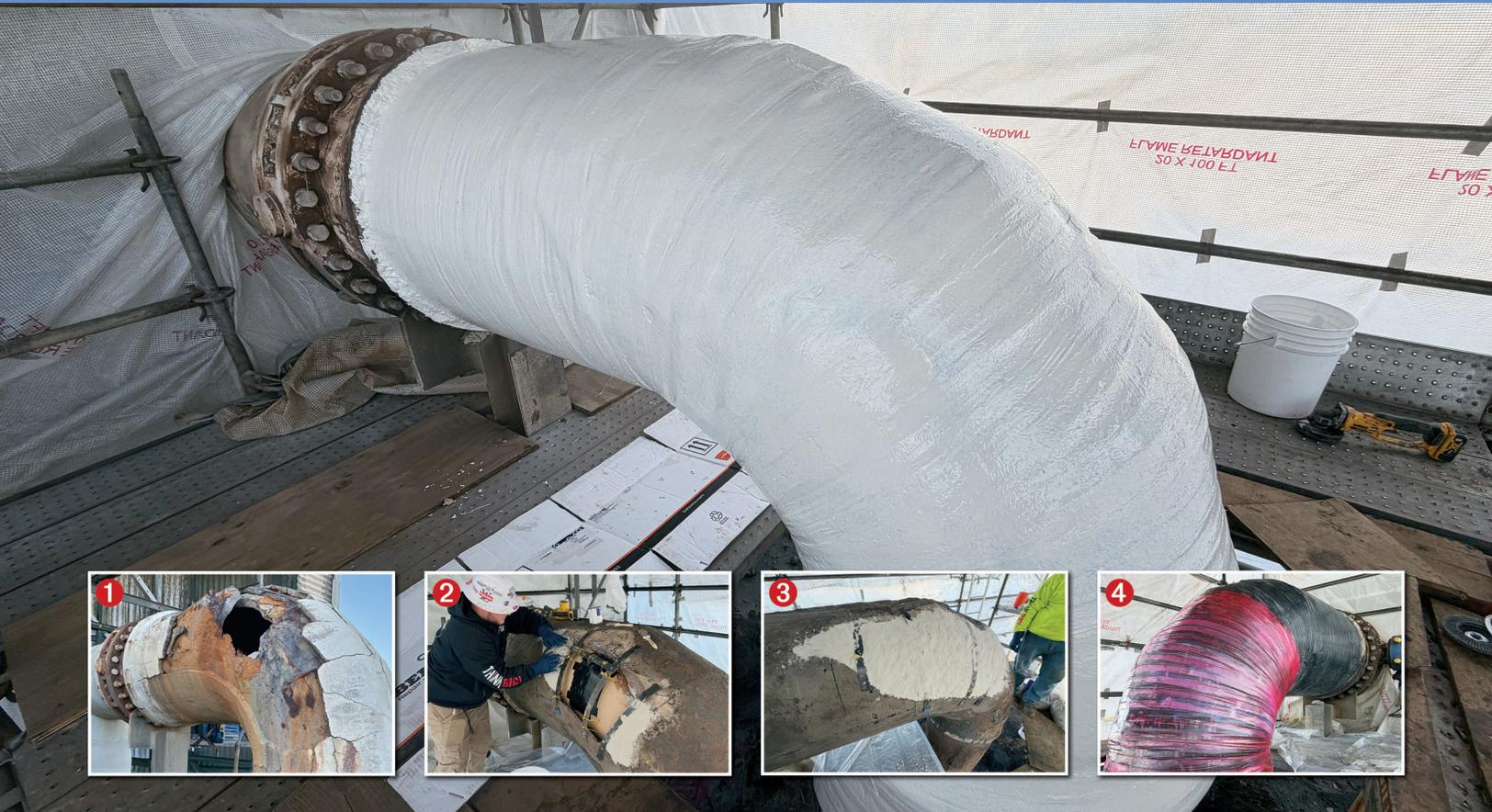




Read The Full Story

EMERGENCY COOLING TOWER PIPE REPAIR RESTORES POWER GENERATION



Engineered Composite Repairs Return Critical Cooling in Just 3 Days

Thanksgiving 2025—A cooling water pipe at a major Mid-Atlantic power plant escalated from a leak repair to a catastrophic rupture, *forcing an immediate shutdown* and halting power production. Banks Industrial Group rapidly executed an engineered repair using **Belzona 4141 Magma-Build**—a uniquely capable epoxy mortar able to rebuild vertical, unsupported concrete surfaces and cure in hours—to reconstruct the internal cement liner. BIG then restored structural integrity with a carbon-fiber **Belzona SuperWrap II** composite system designed in accordance with ISO 24817 and ASME PCC-2. The fast, in-place repair returned the cooling tower to service, minimized downtime, and avoided extended generation losses during a critical holiday period.



This pipe burst resulted in an unplanned shutdown.

- 1 Hole after rupture that caused plant shutdown
- 2 Paperboard allows exterior restoration of inner liner
- 3 Belzona 4141 patch repair rebuilds cement liner
- 4 SuperWrap II engineered repair returns strength



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