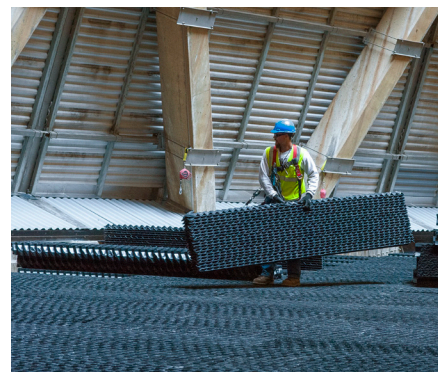
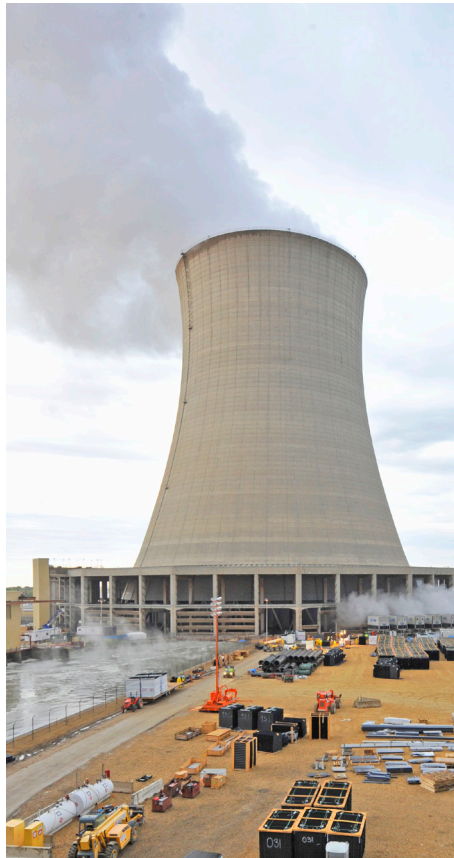


SPX Cooling Technologies is a leading global manufacturer of Marley® Cooling Towers, specialized heat exchangers and thermal cooling components. We've designed and constructed cooling towers for nearly a century, in fact, 95% of all natural draft cooling towers in the U.S. bear the Marley or legacy brand name. As cooling towers age and thermal performance declines, many power plants rely on our decades of experience to execute fill repack projects – from design and planning to installation and maintenance. **Over the past five years we've completed over 40 major natural draft fill repack projects throughout the United States.**

<b>Overview</b>	<p>Asbestos-containing material (ACM) and aged PVC film fill may exist in an outdated cooling tower heat transfer system. Deteriorating and fouled fill negatively impacts thermal performance and the plant's ability to generate power.</p>
<b>Solutions</b>	<p>SPX project teams work with plant operations management to develop comprehensive, multi-phase, multi-year plans to replace failing fill, distribution systems and drift eliminators.</p> <p><b>Project Planning:</b></p> <ul style="list-style-type: none"> <li>• SPX develops a detailed abatement strategy to safely address fill removal and disposal</li> <li>• SPX develops an installation plan to completely replace the fill (support system as needed) with foul-resistant PVC fill, water distribution systems, and PVC drift eliminators</li> </ul> <p><b>Demolition/Asbestos Abatement:</b></p> <ul style="list-style-type: none"> <li>• SPX coordinates the safe handling, removal and disposal of ACM with licensed asbestos abatement specialists. For PVC fill material, SPX self-performs removal.</li> <li>• Typical projects involve handling 200,000-300,000 cubic feet of ACM or PVC fill and debris</li> <li>• Typical projects involve hauling up to 400 truckloads of waste to approved landfills</li> </ul> <p><b>Workforce:</b></p> <ul style="list-style-type: none"> <li>• SPX and subcontractor construction teams participate in advance training and planning sessions to ensure optimal onsite productivity and safety</li> <li>• Typical site crew size: 50–150 workers depending on scope and outage duration</li> <li>• SPX construction <b>teams consistently earn awards and recognition for safe work practices</b>, including: <ul style="list-style-type: none"> <li>– 2017 Thomas J. Reynolds Construction Safety and Health Award</li> <li>– 2017 Houston Business Roundtable Gold Safety Excellence Award</li> </ul> </li> </ul>
<b>Results</b>	<ul style="list-style-type: none"> <li>• Work completed within refueling outage time frames and requirements, and on budget</li> <li>• Cooling tower performance restored to specified levels</li> </ul>

## Fill Repack capabilities



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