Repair of an Auxiliary Circulating Water Strainer

Ref: CS24/234

Industry:

Power

The Challenge:

Repair of an Auxiliary Circulating Water Strainer

The Solution:

Corroserve was approached by a major nuclear energy provider for the repair and refurbishment of an auxiliary circulating water strainer. The strainer, comprising of strainer body, internal rotating basket assembly, lid and upper bearing assembly, was showing signs of wear and tear.

Overall, the existing coating appeared in very good condition. The Corrocoat Vinyl Ester coating system was spark tested and identified just 3 defects, 2 off located on the bottom of the division plate around the bolt holes at the outlet at a previous repair.

The strainer was then sweep blasted to confirm the integrity of the existing coating and any weak or damaged areas removed during this process. The division plate was then cleaned and bristle blasted to ensure even removal of the surface layer. With the DFT's re-checked, a silane adhesion promoter was then applied and coated using Polyglass VEF/ 600 series ensuring the required clearance between the strainer and division plate was maintained.

Products Used:

Polyglass VEF
Corroglass 600

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CORROSERVE

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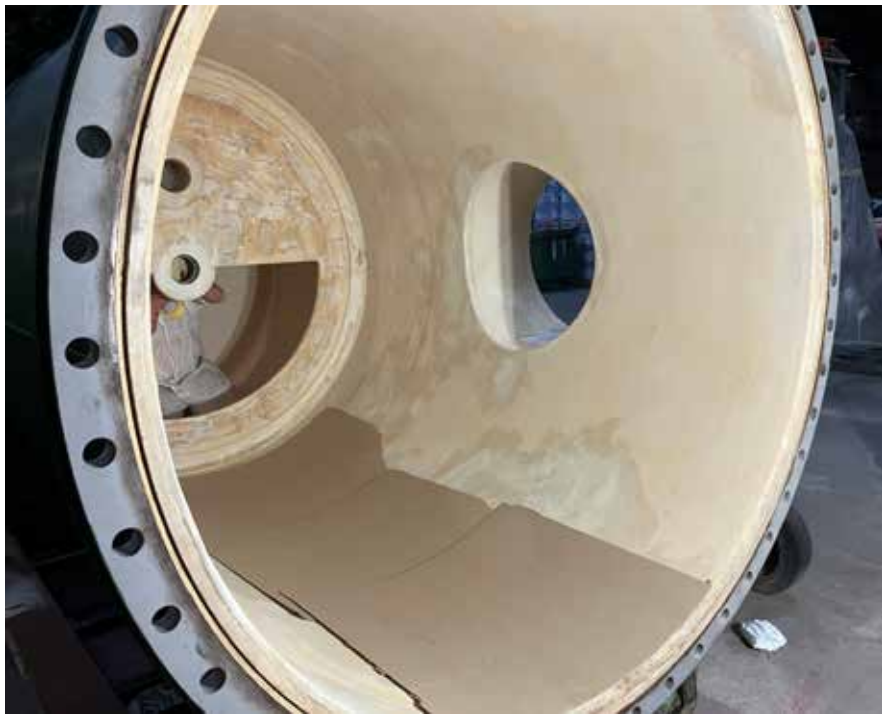

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