

Brunswick Nuclear Site

Amerlock® Sealer creates a tight bond with existing coatings, PSX® 700 rejuvenates old epoxy floors, with better color and gloss retention, and durability.

Case study



The Customer

Duke Energy Progress

The Location

Southport, NC

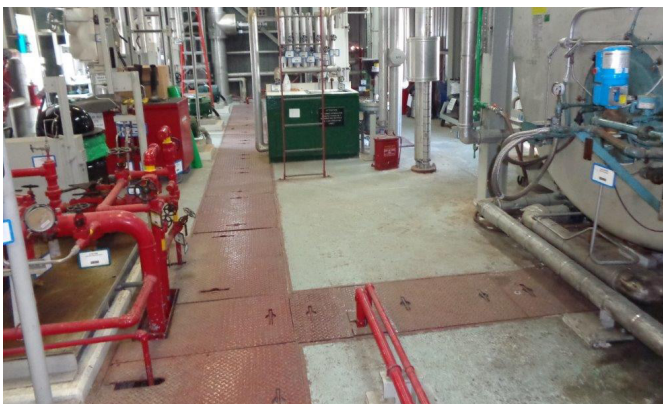
The Challenge

The Brunswick Nuclear Site had a worn down floor coated with KL5500 from the 1970's. The floor needed recoating along with some other parts of the site.

The Solution

The floor was degreased/abraded and the system installed was Amerlock® Sealer, PSX®700 with 886 additive broadcast, PSX®700 Clear from the attached spec. The other walls, pump pads, motors, steel and piping were done with Amerlock®2 and Amershield™.

Before



The Benefits

Amerlock® Sealer is a 100% solids low viscosity penetrating epoxy sealer that creates a tight bond with existing coatings. PSX® 700, a patented epoxy polysiloxane, has the benefits of epoxy with the UV stability exceeding the best urethanes. This product is very user friendly and eliminates worker exposure to isocyanates. Amercoat® 886 anti-slip additive stays suspended in coating matrix and stays bonded in the coating film.

The Result

The plant staff were very pleased with the clean ability of the system and said that it has improved safety since they can now readily identify and clean any spills to prevent slips and falls. It also improved visibility of the workspace and was easy to apply with little to no odor. Since the NRC prefers plants limit film thickness of floor coatings to comply with fire codes, this system provided a cleanable and durable floor with relatively low film thickness. They will be using this system to rejuvenate old epoxy floors throughout the plant from now on.



After

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