

# RUST-OLEUM INDUSTRIAL BRANDS SUCCESS STORY #020

**COMPANY:** Progress Energy

**INDUSTRY:** Energy

**LOCATION:** Florida

**PRODUCT:** Noxyde® / Pure Strength® 3599 Degreaser

## **PROBLEM:**

The re-coating of Progress Energy's tanks was past due and reaching the Florida state required limits for tank protection. In addition, there were numerous failures on the concrete containment floor due to moisture entrapment rising up from the bottom of the concrete. Progress Energy was looking for a long-term solution to their problem.

## **SOLUTION:**

One of Rust-Oleum's key distributors, Hagemeyer, had great success with Rust-Oleum products and their proven ability to withstand the harsh Florida environment and level of protection necessary for this type of application. With Rust-Oleum's Noxyde being a proven solution with other Florida utility companies due to its reduced surface prep & long service life, no other products were considered for coating the tanks, saddles, and containment wall. On the floor and up to the height of the containment wall a 40 mil Royal Liner was already installed. The tanks were cleaned with Rust-Oleum Pure Strength 3599 Degreaser to remove surface oil and grease where applicable. The edges of the tanks were feather edged leaving only tightly bonded coatings. Noxyde was used to spot prime the tanks at 7-10 mils DFT. A full coat of Noxyde was then applied at 7-10 mils DFT to all metal surfaces with a finish coat of Rust-Oleum's 9800 System in Dunes Tan at 3-5 mils DFT. The tank saddles and inner containment wall had an installed 40 mil Royal Liner. The concrete saddles and block outer wall were then top-coated with Rust-Oleum's Industrial Choice 5200 System. Progress Energy is extremely happy with the results of the project and is even happier knowing they do not have to worry about re-doing the project for a very long time. Rust-Oleum and its knowledgeable distributors, like Hagemeyer, have been successfully using these products for projects like this for many years. Since they do not have to re-visit this project for many years, the coatings will ultimately save them time and money in future spending.