

Radio-Frequency Identification

Brad Tapley

Plant Supply Chain Supervisor
Southern Nuclear
706-848-3381
bttapley@southernco.com

Biography

Brad Tapley is the Site Supply Chain Supervisor at Plant Vogtle Nuclear Plant. Prior to coming to Plant Vogtle, Brad supported Plant Hatch as a SR Sourcing Specialist. He also brings 7+ years of On Shift Nuclear Operations experience and training. Prior to joining the Nuclear Industry, Brad worked in the manufacturing field at JCB North America and Trane Residential Systems. He obtained an Industrial Management degree from Georgia Southern University in 2006. Brad and his wife Kelli live in Evans, Georgia along with their two kids Tenley (5) and Briggs (2).

Abstract - Radio Frequency Identification Project

Southern Nuclear is adopting RFID technology to improve efficiencies and better serve Supply Chain customers at SNC's three nuclear plants. RFID technology allows manpower reductions at issue locations and dedicate those resources elsewhere. This technology eliminates the need for around the clock coverage of warehouses and tool rooms. Other benefits include: enhanced material control, live inventory tracking, elimination of manual processes and more robust FME controls with RFID imbedded tools. RFID allows inventory to be staged while tracking the movement of material into and out of the portals while issuing the materials to the work orders. Another advantage of RFID is to prevent radioactive tools from exiting the work areas undetected. We expect to see increased wrench times by eliminating time in transit and waiting for material at the issue counter.