

AWS Carolina Section and ASME Carolina Chapter Meeting

Plant Tour - Orano

Wednesday, January 7, 2026 - 5:00 – 7:00 PM

Located in Kernersville, North Carolina, Orano's TN Fabrication employs some 80 personnel in a 100,000 square-foot assembly and welding workshop where they manufacture storage baskets and canisters for dry storage of spent nuclear fuel in concrete storage modules. Orano cuts plate using a 20 kW laser to make the baskets that contain the fuel rods and the cylinders that make up the canister. While the basket plates mechanically interlock to form an egg crate assembly, the stainless steel cylinder plates are rolled and welded longitudinally, several cylinders are welded together and the flat bottom plate is attached, all using the submerged arc welding process. The basket assembly is inserted, the top cover plate is checked for fit and shipped to the customer.



BASKET ASSEMBLY



ASSEMBLED CANISTER

Location

Orano

1621 Old Greensboro Road

Kernersville, NC 27284

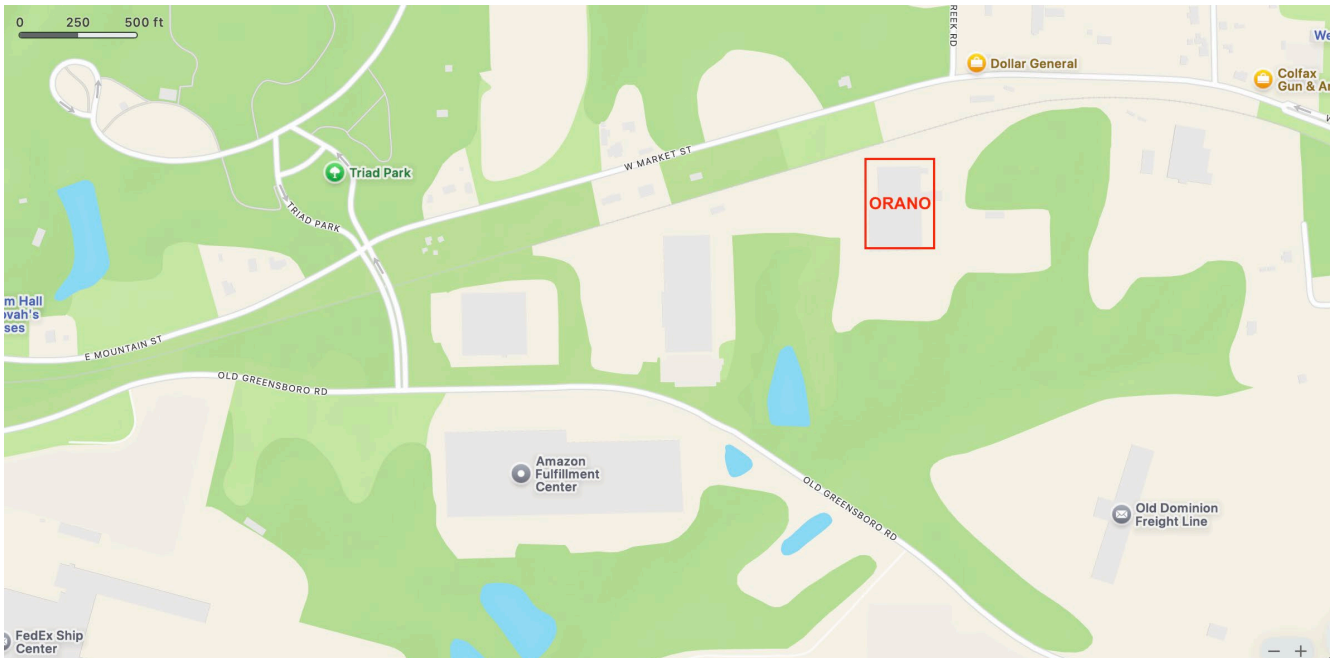
STEEL-TOE SHOES ARE REQUIRED

See the map below

Please Register by Clicking here

(we would like to know how many will be attending)

For additional information, contact: carolina@awssections.org



ORANO
1621 Old Greensboro Road
Kernersville, NC 27284